

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0740571003](#)  
**Status:** **Active**  
**Overview:** [vhdm](#)  
**Description:** 2.00mm (.079") Pitch VHDM® Board-to-Board Backplane Header, Vertical, 6-Row, Open Signal Module, 60 Circuits, 10 Columns, Pin Length 4.75mm (.167"), 0.76µm (30µ") Gold (Au) Plating

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

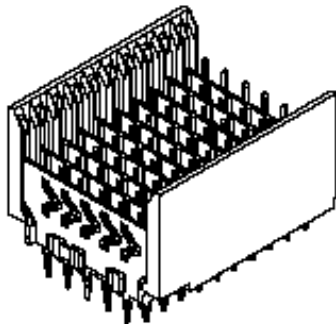
UL E29179

**General**

Product Family Backplane Connectors  
Series [74057](#)  
Application Backplane  
Application Tooling Documents <a href="http://www.molex.com/pdm\_docs/ats/TM-622010999.pdf">Tooling Manual</a>  
Comments Open Header  
Component Type PCB Header  
Overview [vhdm](#)  
Product Name VHDM®  
Style N/A

**Physical**

Circuits (Loaded) 60  
Circuits (maximum) 60  
Color - Resin Black  
Durability (mating cycles max) 200  
First Mate / Last Break No  
Flammability 94V-0  
Guide to Mating Part No  
Keying to Mating Part None  
Material - Metal Beryllium Copper, High Performance Alloy (HPA)  
Material - Plating Mating Gold  
Material - Plating Termination Tin-Lead  
Material - Resin High Temperature Thermoplastic  
Number of Columns N/A  
Number of Pairs Open Pin Field  
Number of Rows 6  
Orientation Vertical  
PC Tail Length (in) 0.098 In  
PC Tail Length (mm) 2.50 mm  
PCB Locator No  
PCB Retention None  
PCB Thickness Recommended (in) 0.071 In  
PCB Thickness Recommended (mm) 1.80 mm  
Packaging Type Tube  
Pitch - Mating Interface (in) 0.079 In  
Pitch - Mating Interface (mm) 2.00 mm  
Pitch - Term. Interface (in) 0.079 In  
Pitch - Term. Interface (mm) 2.00 mm  
Plating min: Mating (µin) 30  
Plating min: Mating (µm) 0.75



Series

image - Reference only

**EU RoHS**

**RoHS Compliant by Exemption**

**REACH SVHC**

**Contains SVHC: No Halogen-Free**

**Status**

**Not Reviewed**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[74057Series](#)

**Mates With**

[74030](#) VHDM® Board-to-Board Daughtercard Receptacle

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| Description                                                                               | Product #                  |
|-------------------------------------------------------------------------------------------|----------------------------|
| Flat Rock Tooling for Pneumatic Press                                                     | <a href="#">0622013700</a> |
| VHDM® Insertion Module for Advanced Mate Signal Header, 6 Row by 11 Wide, 20.00mm (.787") | <a href="#">0622011101</a> |
| VHDM® Signal Pin Inserter Repair Tool                                                     | <a href="#">0622015700</a> |

|                                |                              |
|--------------------------------|------------------------------|
| Plating min: Termination (µin) | 30                           |
| Plating min: Termination (µm)  | 0.75                         |
| Polarized to PCB               | Yes                          |
| Stackable                      | Yes                          |
| Surface Mount Compatible (SMC) | Yes                          |
| Temperature Range - Operating  | 105°C                        |
| Termination Interface: Style   | Through Hole - Compliant Pin |

**Electrical**

|                               |                     |
|-------------------------------|---------------------|
| Current - Maximum per Contact | 1A                  |
| Data Rate                     | 3.125 Gbps          |
| Real Signals (per 25mm)       | 75                  |
| Shield Type                   | Ground Plane Shield |
| Shielded                      | Yes                 |
| Voltage - Maximum             | 120V AC (RMS)/DC    |

**Material Info**

**Reference - Drawing Numbers**

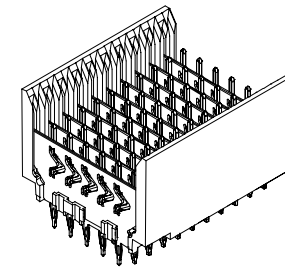
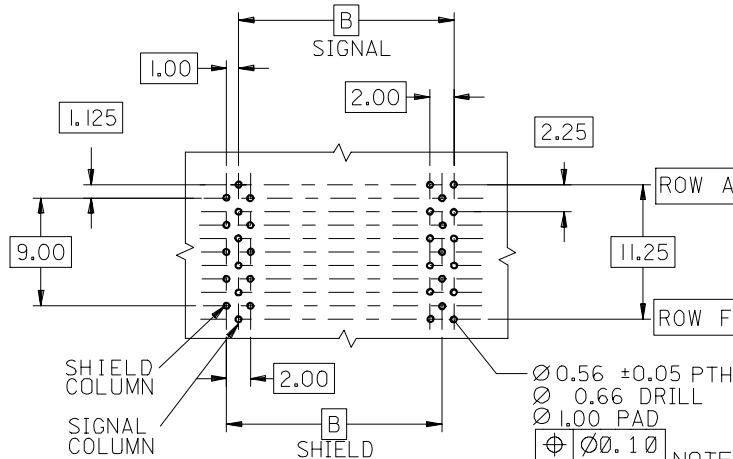
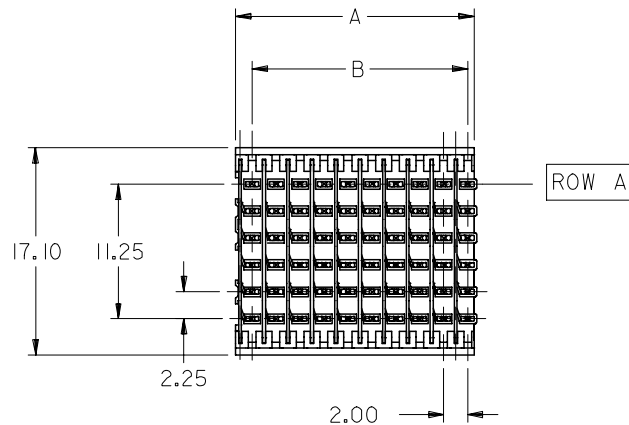
|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-74057-003 |
| Sales Drawing           | SD-74057-002 |

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|                                                                                           |                            |
|-------------------------------------------------------------------------------------------|----------------------------|
| VHDM® 6 Row Pin and Shield Repair Tool                                                    | <a href="#">0622015800</a> |
| VHDM® 6 Row Shield Extraction Tool                                                        | <a href="#">0622016000</a> |
| VHDM® Insertion Module for Advanced Mate Signal Header, 6 Row by 10 Wide, 20.00mm (.787") | <a href="#">0622020203</a> |
| VHDM® Insertion Module for Advanced Mate Signal Header, 6 Row by 10 Wide, 20.00mm (.787") | <a href="#">0622020207</a> |

This document was generated on 05/19/2010

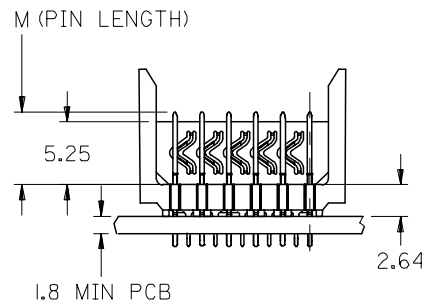
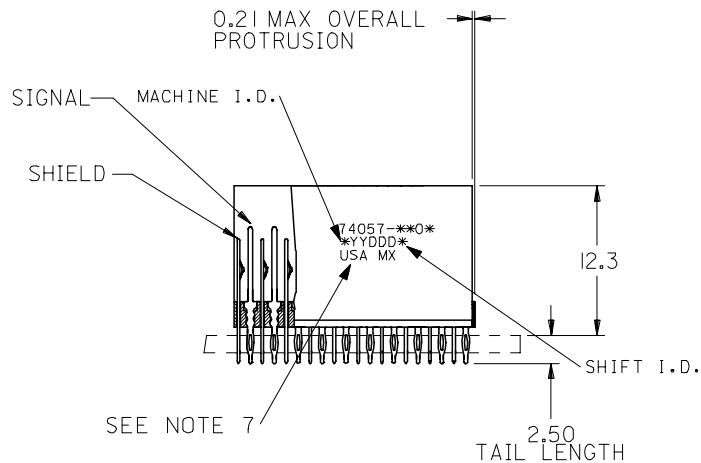
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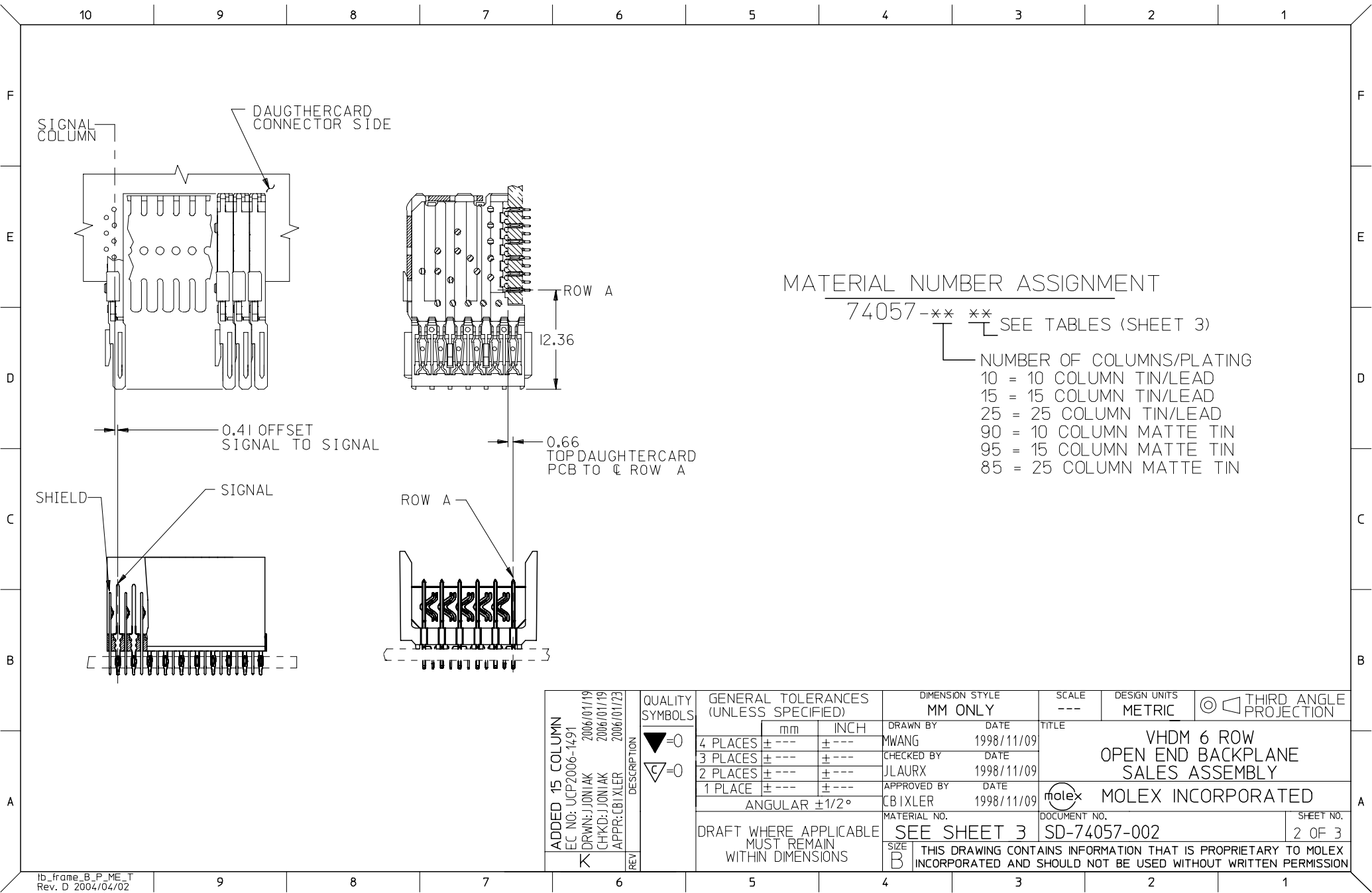
# BACKPLANE HOLE PATTERN RECOMMENDED DIMENSIONS

## NOTES:

1. MATERIALS:  
HOUSING - LIQUID CRYSTAL POLYMER (LCP),  
GLASS-FILLED, UL 94V-0, COLOR: BLACK  
SIGNAL PIN & SHIELD - COPPER ALLOY
2. FINISHES:  
CONTACT AREA: SELECTIVE GOLD (Au)  
PCB TAILS: SELECTIVE TIN/LEAD (Sn/Pb)  
OR SELECTIVE MATTE TIN (Sn)  
NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT  
SPECIFICATION PS-74031-999
4. FOR MIXED CONTACT LENGTHS CONSULT  
MOLEX FOR AVAILABILITY
5. FOR SPECIFIC MATERIAL NUMBERS & MATING  
INFORMATION REFER TO SHEET 2
6. PACKAGE PER PK-74057-003
7. EITHER MARK PART WITH PART NUMBER & DATE  
CODE APPROXIMATELY WHERE SHOWN OR PLACE  
LABEL ON THE TUBE.



|                                                                                                                               |                                   |             |                                                            |         |                                                                                                                               |                    |                                                    |                        |                                                                                                              |           |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------|------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|-----------|
| ADDED 15 COLUMN<br>EC NO: UCP2006-1491<br>DRWN: JONIAK 2006/01/19<br>CHKD: JONIAK 2006/01/19<br>APPR: CBIXLER 2006/01/23<br>K | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |         | DIMENSION STYLE<br>MM ONLY                                                                                                    |                    | SCALE<br>2.5:1                                     | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |           |
|                                                                                                                               |                                   |             |                                                            |         |                                                                                                                               |                    | TITLE                                              |                        |                                                                                                              |           |
|                                                                                                                               |                                   |             | 4 PLACES                                                   | mm INCH | DRAWN BY<br>MWANG                                                                                                             | DATE<br>1998/11/09 | VHDM 6 ROW<br>OPEN END BACKPLANE<br>SALES ASSEMBLY |                        |                                                                                                              |           |
|                                                                                                                               |                                   |             | 3 PLACES                                                   |         | CHECKED BY                                                                                                                    | DATE               |                                                    |                        |                                                                                                              |           |
|                                                                                                                               |                                   |             | 2 PLACES                                                   |         | JLAURX                                                                                                                        | 1998/11/09         |                                                    |                        |                                                                                                              |           |
|                                                                                                                               |                                   |             | 1 PLACE                                                    |         | APPROVED BY                                                                                                                   | DATE               |                                                    |                        |                                                                                                              |           |
|                                                                                                                               |                                   |             | ANGULAR ±1/2°                                              |         | CBIXLER                                                                                                                       | 1998/11/09         | MOLEX INCORPORATED                                 |                        |                                                                                                              |           |
|                                                                                                                               |                                   |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         | MATERIAL NO.                                                                                                                  |                    | DOCUMENT NO.                                       |                        |                                                                                                              | SHEET NO. |
|                                                                                                                               |                                   |             |                                                            |         | SEE SHEET 3                                                                                                                   |                    | SD-74057-002                                       |                        |                                                                                                              | 1 OF 3    |
|                                                                                                                               |                                   |             |                                                            |         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                    |                        |                                                                                                              |           |



MATERIAL NUMBER ASSIGNMENT

74057-\*\*\* \*\* SEE TABLES (SHEET 3)

- NUMBER OF COLUMNS/PLATING
- 10 = 10 COLUMN TIN/LEAD
  - 15 = 15 COLUMN TIN/LEAD
  - 25 = 25 COLUMN TIN/LEAD
  - 90 = 10 COLUMN MATTE TIN
  - 95 = 15 COLUMN MATTE TIN
  - 85 = 25 COLUMN MATTE TIN

|                                                                                                                               |             |                                   |                                                            |       |                            |                             |                                                                                                                                  |                                                                 |                                                                                                                 |                              |
|-------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|------------------------------------------------------------|-------|----------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------|
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|                                                                                                                               |             |                                   |                                                            | mm    | INCH                       | DRAWN BY<br>MWANG           | DATE<br>1998/11/09                                                                                                               | TITLE<br><br>VHDM 6 ROW<br>OPEN END BACKPLANE<br>SALES ASSEMBLY |                                                                                                                 |                              |
|                                                                                                                               |             |                                   | 4 PLACES                                                   | ± --- | ± ---                      | CHECKED BY<br>JLAURX        | DATE<br>1998/11/09                                                                                                               |                                                                 |                                                                                                                 |                              |
|                                                                                                                               |             |                                   | 3 PLACES                                                   | ± --- | ± ---                      | APPROVED BY<br>CBIXLER      | DATE<br>1998/11/09                                                                                                               |                                                                 |                                                                                                                 |                              |
|                                                                                                                               |             |                                   | 2 PLACES                                                   | ± --- | ± ---                      | MATERIAL NO.<br>SEE SHEET 3 |                                                                                                                                  |                                                                 |                                                                                                                 | DOCUMENT NO.<br>SD-74057-002 |
|                                                                                                                               |             |                                   | 1 PLACE                                                    | ± --- | ± ---                      | ANGULAR ±1/2°               |                                                                                                                                  |                                                                 |                                                                                                                 |                              |
|                                                                                                                               |             |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | SIZE<br>B                  |                             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                 |                                                                                                                 |                              |

|                                                                                                                                    | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                      | 8                                | 7                          | 6                                | 5                                                                            | 4                                              | 3                                                           | 2                           | 1                   |                                                            |                                                                                                                                    |                               |                                       |   |                            |                   |              |                        |                           |    |                                             |                                  |            |                                  |                                                                              |                                                |                                                             |                             |                     |               |    |                                                            |       |            |            |              |            |              |     |              |       |                                                                                                                                  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |          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-------|----|----|----|-------|-------|------|------------|------|------------|----|-----|----|-------|-------|------|------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|-------------|--------|------------------|--------|------------------|---|---|---|-------------------|------------|----|----|----|-------|-------|------|--|------|------------|------|------------|----|----|----|-------|-------|------|------------|------|------------|----|-----|----|-------|-------|------|------------|------|------------|----|----|----|-------|-------|------|------------|------|------------|----|----|----|-------|-------|------|------------|------|------------|----|-----|----|-------|-------|------|------------|------|------------|----|----|----|-------|-------|------|--|------|------------|------|------------|----|----|----|-------|-------|------|------------|------|------------|----|-----|----|-------|-------|------|------------|------|------------|----|----|----|-------|-------|------|--|------|------------|------|------------|----|----|----|-------|-------|------|------------|------|------------|----|-----|----|-------|-------|------|------------|------|--|
| F                                                                                                                                  | <table><tr><th>PART NUMBER</th><th>COLUMN</th><th>NUMBER OF SIGNAL</th><th>OF PIN</th><th>NUMBER OF SHIELD</th><th>A</th><th>B</th><th>M</th><th>Au (um) THICKNESS</th></tr><tr><td>74057-1001</td><td rowspan="2">10</td><td rowspan="2">60</td><td rowspan="2">10</td><td rowspan="2">20.00</td><td rowspan="2">18.00</td><td rowspan="6">4.75</td><td rowspan="6"></td><td>0.76</td></tr><tr><td>74057-1006</td><td>1.27</td></tr><tr><td>74057-1501</td><td rowspan="2">15</td><td rowspan="2">90</td><td rowspan="2">15</td><td rowspan="2">30.00</td><td rowspan="2">28.00</td><td>0.76</td></tr><tr><td>74057-1506</td><td>1.27</td></tr><tr><td>74057-2501</td><td rowspan="2">25</td><td rowspan="2">150</td><td rowspan="2">25</td><td rowspan="2">50.00</td><td rowspan="2">48.00</td><td>0.76</td></tr><tr><td>74057-2501</td><td>1.27</td></tr><tr><td>74057-1002</td><td rowspan="2">10</td><td rowspan="2">60</td><td rowspan="2">10</td><td rowspan="2">20.00</td><td rowspan="2">18.00</td><td>0.76</td></tr><tr><td>74057-1007</td><td>1.27</td></tr><tr><td>74057-1502</td><td rowspan="2">15</td><td rowspan="2">90</td><td rowspan="2">15</td><td rowspan="2">30.00</td><td rowspan="2">28.00</td><td>0.76</td></tr><tr><td>74057-1507</td><td>1.27</td></tr><tr><td>74057-2502</td><td rowspan="2">25</td><td rowspan="2">150</td><td rowspan="2">25</td><td rowspan="2">50.00</td><td rowspan="2">48.00</td><td>0.76</td></tr><tr><td>74057-2507</td><td>1.27</td></tr><tr><td>74057-1003</td><td rowspan="2">10</td><td rowspan="2">60</td><td rowspan="2">10</td><td rowspan="2">20.00</td><td rowspan="2">18.00</td><td rowspan="6">4.25</td><td rowspan="6"></td><td>0.76</td></tr><tr><td>74057-1008</td><td>1.27</td></tr><tr><td>74057-1503</td><td rowspan="2">15</td><td rowspan="2">90</td><td rowspan="2">15</td><td rowspan="2">30.00</td><td rowspan="2">28.00</td><td>0.76</td></tr><tr><td>74057-1508</td><td>1.27</td></tr><tr><td>74057-2503</td><td rowspan="2">25</td><td rowspan="2">150</td><td rowspan="2">25</td><td rowspan="2">50.00</td><td rowspan="2">48.00</td><td>0.76</td></tr><tr><td>74057-2508</td><td>1.27</td></tr><tr><td>74057-1004</td><td rowspan="2">10</td><td rowspan="2">60</td><td rowspan="2">10</td><td rowspan="2">20.00</td><td rowspan="2">18.00</td><td rowspan="6">5.15</td><td rowspan="6"></td><td>0.76</td></tr><tr><td>74057-1009</td><td>1.27</td></tr><tr><td>74057-1504</td><td rowspan="2">15</td><td rowspan="2">90</td><td rowspan="2">15</td><td rowspan="2">30.00</td><td rowspan="2">28.00</td><td>0.76</td></tr><tr><td>74057-1509</td><td>1.27</td></tr><tr><td>74057-2504</td><td rowspan="2">25</td><td rowspan="2">150</td><td rowspan="2">25</td><td rowspan="2">50.00</td><td rowspan="2">48.00</td><td>0.76</td></tr><tr><td>74057-2509</td><td>1.27</td></tr></table> |                                                                                                                                  |                                  |                            |                                  |                                                                              |                                                |                                                             | PART NUMBER                 | COLUMN              | NUMBER OF SIGNAL                                           | OF PIN                                                                                                                             | NUMBER OF SHIELD              | A                                     | B | M                          | Au (um) THICKNESS | 74057-1001   | 10                     | 60                        | 10 | 20.00                                       | 18.00                            | 4.75       |                                  | 0.76                                                                         | 74057-1006                                     | 1.27                                                        | 74057-1501                  | 15                  | 90            | 15 | 30.00                                                      | 28.00 | 0.76       | 74057-1506 | 1.27         | 74057-2501 | 25           | 150 | 25           | 50.00 | 48.00                                                                                                                            | 0.76 | 74057-2501 | 1.27 | 74057-1002 | 10 | 60 | 10 | 20.00 | 18.00 | 0.76 | 74057-1007 | 1.27 | 74057-1502 | 15 | 90 | 15 | 30.00 | 28.00 | 0.76 | 74057-1507 | 1.27 | 74057-2502 | 25 | 150 | 25 | 50.00 | 48.00 | 0.76 | 74057-2507 | 1.27 | 74057-1003 | 10 | 60 | 10 | 20.00 | 18.00 | 4.25 |  | 0.76 | 74057-1008 | 1.27 | 74057-1503 | 15 | 90 | 15 | 30.00 | 28.00 | 0.76 | 74057-1508 | 1.27 | 74057-2503 | 25 | 150 | 25 | 50.00 | 48.00 | 0.76 | 74057-2508 | 1.27 | 74057-1004 | 10 | 60 | 10 | 20.00 | 18.00 | 5.15 |  | 0.76 | 74057-1009 | 1.27 | 74057-1504 | 15 | 90 | 15 | 30.00 | 28.00 | 0.76 | 74057-1509 | 1.27 | 74057-2504 | 25 | 150 | 25 | 50.00 | 48.00 | 0.76 | 74057-2509 | 1.27 | <table><tr><th>PART NUMBER</th><th>COLUMN</th><th>NUMBER OF SIGNAL</th><th>OF PIN</th><th>NUMBER OF SHIELD</th><th>A</th><th>B</th><th>M</th><th>Au (um) THICKNESS</th></tr><tr><td>74057-9001</td><td rowspan="2">10</td><td rowspan="2">60</td><td rowspan="2">10</td><td rowspan="2">20.00</td><td rowspan="2">18.00</td><td rowspan="6">4.75</td><td rowspan="6"></td><td>0.76</td></tr><tr><td>74057-9006</td><td>1.27</td></tr><tr><td>74057-9501</td><td rowspan="2">15</td><td rowspan="2">90</td><td rowspan="2">15</td><td rowspan="2">30.00</td><td rowspan="2">28.00</td><td>0.76</td></tr><tr><td>74057-9506</td><td>1.27</td></tr><tr><td>74057-8501</td><td rowspan="2">25</td><td rowspan="2">150</td><td rowspan="2">25</td><td rowspan="2">50.00</td><td rowspan="2">48.00</td><td>0.76</td></tr><tr><td>74057-8501</td><td>1.27</td></tr><tr><td>74057-9002</td><td rowspan="2">10</td><td rowspan="2">60</td><td rowspan="2">10</td><td rowspan="2">20.00</td><td rowspan="2">18.00</td><td>0.76</td></tr><tr><td>74057-9007</td><td>1.27</td></tr><tr><td>74057-9502</td><td rowspan="2">15</td><td rowspan="2">90</td><td rowspan="2">15</td><td rowspan="2">30.00</td><td rowspan="2">28.00</td><td>0.76</td></tr><tr><td>74057-9507</td><td>1.27</td></tr><tr><td>74057-8502</td><td rowspan="2">25</td><td rowspan="2">150</td><td rowspan="2">25</td><td rowspan="2">50.00</td><td rowspan="2">48.00</td><td>0.76</td></tr><tr><td>74057-8507</td><td>1.27</td></tr><tr><td>74057-9003</td><td rowspan="2">10</td><td rowspan="2">60</td><td rowspan="2">10</td><td rowspan="2">20.00</td><td rowspan="2">18.00</td><td rowspan="6">4.25</td><td rowspan="6"></td><td>0.76</td></tr><tr><td>74057-9008</td><td>1.27</td></tr><tr><td>74057-9503</td><td rowspan="2">15</td><td rowspan="2">90</td><td rowspan="2">15</td><td rowspan="2">30.00</td><td rowspan="2">28.00</td><td>0.76</td></tr><tr><td>74057-9508</td><td>1.27</td></tr><tr><td>74057-8503</td><td rowspan="2">25</td><td rowspan="2">150</td><td rowspan="2">25</td><td rowspan="2">50.00</td><td rowspan="2">48.00</td><td>0.76</td></tr><tr><td>74057-8508</td><td>1.27</td></tr><tr><td>74057-9004</td><td rowspan="2">10</td><td rowspan="2">60</td><td rowspan="2">10</td><td rowspan="2">20.00</td><td rowspan="2">18.00</td><td rowspan="6">5.15</td><td rowspan="6"></td><td>0.76</td></tr><tr><td>74057-9009</td><td>1.27</td></tr><tr><td>74057-9504</td><td rowspan="2">15</td><td rowspan="2">90</td><td rowspan="2">15</td><td rowspan="2">30.00</td><td rowspan="2">28.00</td><td>0.76</td></tr><tr><td>74057-9509</td><td>1.27</td></tr><tr><td>74057-8504</td><td rowspan="2">25</td><td rowspan="2">150</td><td rowspan="2">25</td><td rowspan="2">50.00</td><td rowspan="2">48.00</td><td>0.76</td></tr><tr><td>74057-8509</td><td>1.27</td></tr></table> |  |  |  |  |  |  |  | PART NUMBER | COLUMN | NUMBER OF SIGNAL | OF PIN | NUMBER OF SHIELD | A | B | M | Au (um) THICKNESS | 74057-9001 | 10 | 60 | 10 | 20.00 | 18.00 | 4.75 |  | 0.76 | 74057-9006 | 1.27 | 74057-9501 | 15 | 90 | 15 | 30.00 | 28.00 | 0.76 | 74057-9506 | 1.27 | 74057-8501 | 25 | 150 | 25 | 50.00 | 48.00 | 0.76 | 74057-8501 | 1.27 | 74057-9002 | 10 | 60 | 10 | 20.00 | 18.00 | 0.76 | 74057-9007 | 1.27 | 74057-9502 | 15 | 90 | 15 | 30.00 | 28.00 | 0.76 | 74057-9507 | 1.27 | 74057-8502 | 25 | 150 | 25 | 50.00 | 48.00 | 0.76 | 74057-8507 | 1.27 | 74057-9003 | 10 | 60 | 10 | 20.00 | 18.00 | 4.25 |  | 0.76 | 74057-9008 | 1.27 | 74057-9503 | 15 | 90 | 15 | 30.00 | 28.00 | 0.76 | 74057-9508 | 1.27 | 74057-8503 | 25 | 150 | 25 | 50.00 | 48.00 | 0.76 | 74057-8508 | 1.27 | 74057-9004 | 10 | 60 | 10 | 20.00 | 18.00 | 5.15 |  | 0.76 | 74057-9009 | 1.27 | 74057-9504 | 15 | 90 | 15 | 30.00 | 28.00 | 0.76 | 74057-9509 | 1.27 | 74057-8504 | 25 | 150 | 25 | 50.00 | 48.00 | 0.76 | 74057-8509 | 1.27 |  |
| PART NUMBER                                                                                                                        | COLUMN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                      | OF PIN                           | NUMBER OF SHIELD           | A                                | B                                                                            | M                                              | Au (um) THICKNESS                                           |                             |                     |                                                            |                                                                                                                                    |                               |                                       |   |                            |                   |              |                        |                           |    |                                             |                                  |            |                                  |                                                                              |                                     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| 74057-1001                                                                                                                         | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                      | 10                               | 20.00                      | 18.00                            | 4.75                                                                         |                                                | 0.76                                                        |                             |                     |                                                            |                                                                                                                                    |                               |                                       |   |                            |                   |              |                        |                           |    |                                             |                                  |            |                                  |                                                                              |                                                |                                                             |                             |                     |               |    |                                                            |       |            |            |              |            |              |     |              |       |                                                                                                                                  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |          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| 74057-1006                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-1501                                                                                                                         | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-1506                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-2501                                                                                                                         | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-2501                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-1002                                                                                                                         | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-1007                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-1502                                                                                                                         | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-1507                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-2502                                                                                                                         | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                      | 25                               | 50.00                      | 48.00                            | 0.76                                                                         |                                                |                                                             |                             |                     |                                                            |                                                                                                                                    |                               |                                       |   |                            |                   |              |                        |                           |    |                                             |                                  |            |                                  |                                                                              |                                     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| 74057-2507                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-1003                                                                                                                         | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-1008                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-1503                                                                                                                         | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-1508                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-2503                                                                                                                         | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-2508                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-1004                                                                                                                         | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-1009                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-1504                                                                                                                         | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-1509                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-2504                                                                                                                         | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-2509                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-9001                                                                                                                         | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-9006                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-9501                                                                                                                         | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-9506                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-8501                                                                                                                         | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-8501                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-9002                                                                                                                         | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-9007                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-9502                                                                                                                         | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-9507                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-8502                                                                                                                         | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-8507                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-9003                                                                                                                         | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-9008                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-9503                                                                                                                         | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-9508                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-8503                                                                                                                         | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-8508                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-9004                                                                                                                         | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-9009                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-9509                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 74057-8504                                                                                                                         | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 74057-8509                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| A                                                                                                                                  | <table><tr><td rowspan="10">ADDED 15 COLUMN<br/>EC NO: UCP2006-1491<br/>DRWN: JONI AK 2006/01/19<br/>CHKD: JONI AK 2006/01/19<br/>APPR: CBI XLER 2006/01/23<br/>REV</td><td rowspan="10">QUALITY SYMBOLS<br/>▽=0<br/>▽=0</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE<br/>MM ONLY</td><td>SCALE<br/>---</td><td>DESIGN UNITS<br/>METRIC</td><td colspan="2">THIRD ANGLE<br/>PROJECTION</td></tr><tr><td rowspan="4">4 PLACES<br/>3 PLACES<br/>2 PLACES<br/>1 PLACE</td><td rowspan="4">± ---<br/>± ---<br/>± ---<br/>± ---</td><td rowspan="4">mm<br/>INCH</td><td rowspan="4">± ---<br/>± ---<br/>± ---<br/>± ---</td><td rowspan="4">DRAWN BY<br/>J JONI AK<br/>CHECKED BY<br/>J JONI AK<br/>APPROVED BY<br/>J JONI AK</td><td rowspan="4">DATE<br/>2006/01/10<br/>2006/01/10<br/>2006/01/10</td><td rowspan="4">TITLE<br/>VHDM 6 ROW<br/>OPEN END BACKPLANE<br/>SALES ASSEMBLY</td><td rowspan="4">MOLEX<br/>MOLEX INCORPORATED</td><td rowspan="4">SHEET NO.<br/>3 OF 3</td></tr><tr><td colspan="2">ANGULAR ±1/2°</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</td><td colspan="2">SEE CHARTS</td><td colspan="2">SD-74057-002</td></tr><tr><td colspan="2">MATERIAL NO.</td><td colspan="2">DOCUMENT NO.</td></tr><tr><td colspan="10">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br/>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                             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                      |                                  |                            |                                  |                                                                              |                                                |                                                             |                             |                     |                                                            | ADDED 15 COLUMN<br>EC NO: UCP2006-1491<br>DRWN: JONI AK 2006/01/19<br>CHKD: JONI AK 2006/01/19<br>APPR: CBI XLER 2006/01/23<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |   | DIMENSION STYLE<br>MM ONLY |                   | SCALE<br>--- | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |    | 4 PLACES<br>3 PLACES<br>2 PLACES<br>1 PLACE | ± ---<br>± ---<br>± ---<br>± --- | mm<br>INCH | ± ---<br>± ---<br>± ---<br>± --- | DRAWN BY<br>J JONI AK<br>CHECKED BY<br>J JONI AK<br>APPROVED BY<br>J JONI AK | DATE<br>2006/01/10<br>2006/01/10<br>2006/01/10 | TITLE<br>VHDM 6 ROW<br>OPEN END BACKPLANE<br>SALES ASSEMBLY | MOLEX<br>MOLEX INCORPORATED | SHEET NO.<br>3 OF 3 | ANGULAR ±1/2° |    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | SEE CHARTS |            | SD-74057-002 |            | MATERIAL NO. |     | DOCUMENT NO. |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |      |            |      |            |    |    |    |       |       |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  | 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| ADDED 15 COLUMN<br>EC NO: UCP2006-1491<br>DRWN: JONI AK 2006/01/19<br>CHKD: JONI AK 2006/01/19<br>APPR: CBI XLER 2006/01/23<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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                      |                                  | DIMENSION STYLE<br>MM ONLY |                                  | SCALE<br>---                                                                 | DESIGN UNITS<br>METRIC                         | THIRD ANGLE<br>PROJECTION                                   |                             |                     |                                                            |                                                                                                                                    |                               |                                       |   |                            |                   |              |                        |                           |    |                                             |                                  |            |                                  |                                                                              |                                     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                      | ± ---<br>± ---<br>± ---<br>± --- | mm<br>INCH                 | ± ---<br>± ---<br>± ---<br>± --- | DRAWN BY<br>J JONI AK<br>CHECKED BY<br>J JONI AK<br>APPROVED BY<br>J JONI AK | DATE<br>2006/01/10<br>2006/01/10<br>2006/01/10 | TITLE<br>VHDM 6 ROW<br>OPEN END BACKPLANE<br>SALES ASSEMBLY | MOLEX<br>MOLEX INCORPORATED | SHEET NO.<br>3 OF 3 |                                                            |                                                                                                                                    |                               |                                       |   |                            |                   |              |                        |                           |    |                                             |                                  |            |                                  |                                                                              |                                                |                                                             |                             |                     |               |    |                                                            |       |            |            |              |            |              |     |              |       |                                                                                                                                  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |          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                      |                                  |                            |                                  |                                                                              |                                                |                                                             |                             |                     | ANGULAR ±1/2°                                              |                                                                                                                                    |                               |                                       |   |                            |                   |              |                        |                           |    |                                             |                                  |            |                                  |                                                                              |                                                |                                                             |                             |                     |               |    |                                                            |       |            |            |              |            |              |     |              |       |                                                                                                                                  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |          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                      |                                  |                            |                                  |                                                                              |                                                |                                                             |                             |                     | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                                    |                               | SEE CHARTS                            |   | SD-74057-002               |                   |              |                        |                           |    |                                             |                                  |            |                                  |                                                                              |                                                |                                                             |                             |                     |               |    |                                                            |       |            |            |              |            |              |     |              |       |                                                                                                                                  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |          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                      |                                  |                            |                                  |                                                                              |                                                |                                                             |                             |                     | MATERIAL NO.                                               |                                                                                                                                    |                               | DOCUMENT NO.                          |   |                            |                   |              |                        |                           |    |                                             |                                  |            |                                  |                                                                              |                                                |                                                             |                             |                     |               |    |                                                            |       |            |            |              |            |              |     |              |       |                                                                                                                                  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |            |    |    |    |       |       |      |            |      |            |    |     |    |       |       |      |            |      |            |    |    |    |       |       |      |  |      |            |      |          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WITHOUT WRITTEN PERMISSION |                                  |                            |                                  |                                                                              |                                                |                                                             |                             |                     |                                                            |                                                                                                                                    |                               |                                       |   |                            |                   |              |                        |                           |    |                                             |                                  |            |                                  |                                                                              |                                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ADDED 15 COLUMN

EC NO: UCP2006-1491

DRWN: JJONIAK 2006/01/19

CHKD: JJONIAK 2006/01/19

APPR: CBI XLER 2006/01/23

REV

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

|               |       |       |
|---------------|-------|-------|
|               | mm    | INCH  |
| 4 PLACES      | ± --- | ± --- |
| 3 PLACES      | ± --- | ± --- |
| 2 PLACES      | ± --- | ± --- |
| 1 PLACE       | ± --- | ± --- |
| ANGULAR ±1/2° |       |       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY

|             |            |
|-------------|------------|
| DRAWN BY    | DATE       |
| JJONIAK     | 2006/01/10 |
| CHECKED BY  | DATE       |
| JJONIAK     | 2006/01/10 |
| APPROVED BY | DATE       |
| JJONIAK     | 2006/01/10 |

MATERIAL NO.

SEE CHARTS

SIZE  
B

SCALE  
---

DESIGN UNITS  
METRIC

THIRD ANGLE  
PROJECTION

VHDM 6 ROW  
OPEN END BACKPLANE  
SALES ASSEMBLY

MOLEX INCORPORATED

DOCUMENT NO.  
SD-74057-002

SHEET NO.  
3 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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