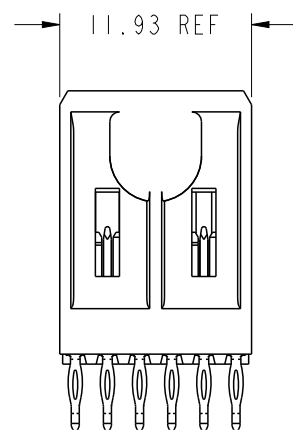
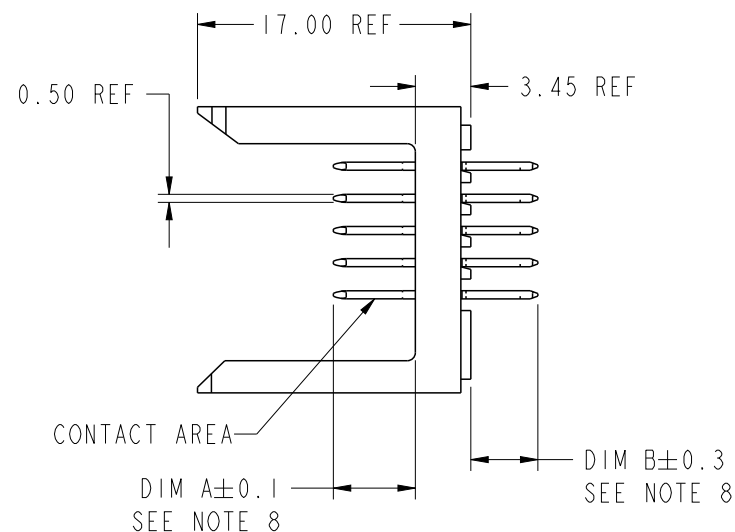
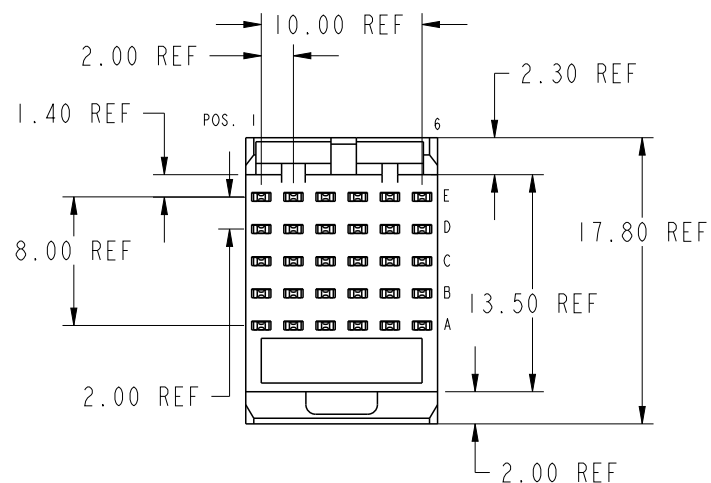
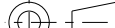


|                |
|----------------|
| PRODUCT NUMBER |
| 85838-XYX      |
| 85838-XYXLF    |

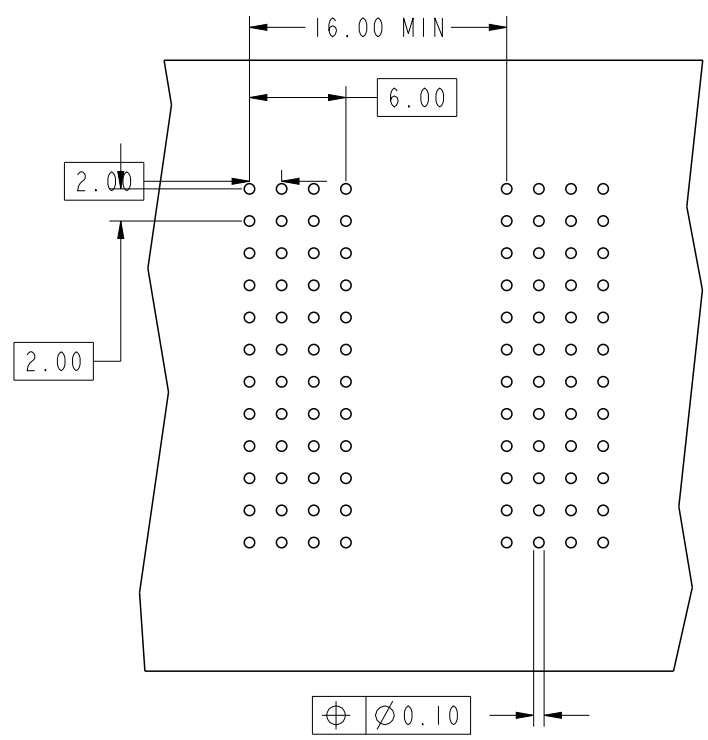


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|-------------------------------------------------------------------------------|---------|-------|--------|-------------------------------------------------------------------------------------|----------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------|--------|-----------------------|-------|-----------|
| spec ref *                                                                    |         |       |        | dr                                                                                  | Terran Huang   | 2010/07/08                                     | projection<br> | MM<br> | size                      | A4     | scale                 | 11:10 |           |
| tolerance std<br>ISO 406<br>ISO 1101<br>TOLERANCES UNLESS OTHERWISE SPECIFIED |         |       |        | eng                                                                                 | Julia Wang     | 2012/09/19                                     |                                                                                                     |                                                                                             | ecn no<br>ELX-DG-012854-1 |        |                       |       |           |
|                                                                               |         |       |        | chr                                                                                 | -              | -                                              |                                                                                                     |                                                                                             |                           |        |                       |       |           |
|                                                                               |         |       |        | appr                                                                                | Pei-Ming Zheng | 2012/09/19                                     | product family                                                                                      |                                                                                             | METRAL                    |        | rel level<br>Released |       |           |
| surface<br>ISO 1302<br>✓                                                      | linear  | 0.X   | ±0.03  |  | title          | METRAL SIGNAL HEADER<br>1 MOD, 5 ROW PRESS-FIT |                                                                                                     |                                                                                             |                           | dwg no | 85838                 |       | rev<br>B1 |
|                                                                               |         | 0.XX  | ±0.13  |                                                                                     |                |                                                |                                                                                                     |                                                                                             |                           |        |                       |       |           |
|                                                                               |         | 0.XXX | ±0.051 |                                                                                     |                |                                                |                                                                                                     |                                                                                             |                           |        |                       |       |           |
|                                                                               | angular | 0°    | ±2°    | www.fci.com                                                                         | cat. no.       | -                                              | Product - Customer Drw                                                                              |                                                                                             |                           |        | sheet 1 of 9          |       |           |



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REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE  
SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

| KEY  |                 |                 |
|------|-----------------|-----------------|
| CODE | DIMENSIONS      |                 |
|      | DIM "A"<br>MATE | DIM "B"<br>TAIL |
| 1    | 5.00            | 4.30            |
| 2    | 5.75            | 4.30            |
| 3    | 6.50            | 4.30            |
| 4    | 7.25            | 4.30            |
| 5    | 5.00            | 13.60           |
| 6    | 5.75            | 13.60           |
| 7    | 6.50            | 13.60           |
| 8    | 7.25            | 13.60           |
| 9    | 5.00            | 17.00           |
| 10   | 5.75            | 17.00           |
| 11   | 6.50            | 17.00           |
| 12   | 7.25            | 17.00           |
| 13   | 8.25            | 4.30            |
| 14   | 8.25            | 13.60           |
| 15   | 8.25            | 17.00           |
| 16   | 7.00            | 4.30            |
| 17   | 7.00            | 13.60           |
| 18   | 7.00            | 17.00           |
| 19   | 8.00            | 4.30            |

| KEY  |                 |                 |
|------|-----------------|-----------------|
| CODE | DIMENSIONS      |                 |
|      | DIM "A"<br>MATE | DIM "B"<br>TAIL |
| 20   | 8.00            | 13.60           |
| 21   | 8.00            | 17.00           |
| 22   | 5.00            | 12.10           |
| 25   | 5.75            | 15.60           |
| 40   | 5.00            | 15.60           |
| 41   | 6.50            | 15.60           |
| 42   | 7.25            | 15.60           |
| 43   | 8.00            | 15.60           |
| 44   | 5.75            | 12.10           |
| 45   | 6.50            | 12.10           |
| 48   | 5.00            | 15.10           |
| 54   | 5.00            | 11.50           |
| 55   | 5.75            | 11.50           |
| 56   | 6.50            | 11.50           |
| 59   | 5.00            | 11.80           |
| 60   | 5.75            | 11.80           |
| 61   | 6.50            | 11.80           |
| 62   | 7.25            | 11.80           |
| 63   | 8.00            | 11.80           |

|             |                |                        |                                   |                           |                      |                        |       |              |
|-------------|----------------|------------------------|-----------------------------------|---------------------------|----------------------|------------------------|-------|--------------|
| dr          | Terran Huang   | 2010/07/08             | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size                 | A4                     | scale | 21:10        |
| eng         | Julia Wang     | 2012/09/19             |                                   |                           | ecn no               | ELX-DG-012854-1        |       |              |
| chr         | -              | -                      |                                   |                           | rel level            | Released               |       |              |
| appr        | Pei-Ming Zheng | 2012/09/19             | product family                    |                           | METRAL               |                        |       |              |
| <div></div> |                | title                  |                                   |                           | METRAL SIGNAL HEADER |                        |       | rev          |
|             |                | I MOD, 5 ROW PRESS-FIT |                                   |                           | dwg no               |                        |       | BH           |
| www.fci.com |                | cat. no.               |                                   | -                         |                      | Product - Customer Drw |       | sheet 2 of 9 |



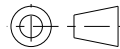
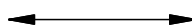
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|                        |                |            |                                   |                           |                      |                        |       |        |  |              |  |     |    |
|------------------------|----------------|------------|-----------------------------------|---------------------------|----------------------|------------------------|-------|--------|--|--------------|--|-----|----|
| dr                     | Terran Huang   | 2010/07/08 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size                 | A4                     | scale | 11:10  |  |              |  |     |    |
| eng                    | Julia Wang     | 2012/09/19 |                                   |                           | ecn no               | ELX-DG-012854-1        |       |        |  |              |  |     |    |
| chr                    | -              | -          |                                   |                           | rel level            | Released               |       |        |  |              |  |     |    |
| appr                   | Pei-Ming Zheng | 2012/09/19 | product family                    |                           | METRAL               |                        |       |        |  |              |  |     |    |
|                        |                | title      |                                   |                           | METRAL SIGNAL HEADER |                        |       | dwg no |  | 85838        |  | rev | BH |
| I MOD, 5 ROW PRESS-FIT |                |            |                                   |                           |                      |                        |       |        |  |              |  |     |    |
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|---|---------------------|--|--|--|--|--|---------------------|--|--|--|--|--|---------------------|--|--|--|--|--|---------------------|--|--|--|--|--|
| A | 1                   |  |  |  |  |  | 2                   |  |  |  |  |  | 3                   |  |  |  |  |  | 4                   |  |  |  |  |  |
|   | METRAL P/N          |  |  |  |  |  | METRAL P/N          |  |  |  |  |  | METRAL P/N          |  |  |  |  |  | METRAL P/N          |  |  |  |  |  |
|   | CONTACT CODE MOD. I |  |  |  |  |  | CONTACT CODE MOD. I |  |  |  |  |  | CONTACT CODE MOD. I |  |  |  |  |  | CONTACT CODE MOD. I |  |  |  |  |  |
|   | ROW                 |  |  |  |  |  | ROW                 |  |  |  |  |  | ROW                 |  |  |  |  |  | ROW                 |  |  |  |  |  |
| B | 85838-X17           |  |  |  |  |  | 85838-X21           |  |  |  |  |  | 85838-X25           |  |  |  |  |  | 85838-X29           |  |  |  |  |  |
|   | D                   |  |  |  |  |  | D                   |  |  |  |  |  | D                   |  |  |  |  |  | D                   |  |  |  |  |  |
|   | C                   |  |  |  |  |  | C                   |  |  |  |  |  | C                   |  |  |  |  |  | C                   |  |  |  |  |  |
|   | B                   |  |  |  |  |  | B                   |  |  |  |  |  | B                   |  |  |  |  |  | B                   |  |  |  |  |  |
| C | 85838-X18           |  |  |  |  |  | 85838-X22           |  |  |  |  |  | 85838-X26           |  |  |  |  |  | 85838-X30           |  |  |  |  |  |
|   | D                   |  |  |  |  |  | D                   |  |  |  |  |  | D                   |  |  |  |  |  | D                   |  |  |  |  |  |
|   | C                   |  |  |  |  |  | C                   |  |  |  |  |  | C                   |  |  |  |  |  | C                   |  |  |  |  |  |
|   | B                   |  |  |  |  |  | B                   |  |  |  |  |  | B                   |  |  |  |  |  | B                   |  |  |  |  |  |
| D | 85838-X19           |  |  |  |  |  | 85838-X23           |  |  |  |  |  | 85838-X27           |  |  |  |  |  | 85838-X31           |  |  |  |  |  |
|   | D                   |  |  |  |  |  | D                   |  |  |  |  |  | D                   |  |  |  |  |  | D                   |  |  |  |  |  |
|   | C                   |  |  |  |  |  | C                   |  |  |  |  |  | C                   |  |  |  |  |  | C                   |  |  |  |  |  |
|   | B                   |  |  |  |  |  | B                   |  |  |  |  |  | B                   |  |  |  |  |  | B                   |  |  |  |  |  |
| E | 85838-X20           |  |  |  |  |  | 85838-X24           |  |  |  |  |  | 85838-X28           |  |  |  |  |  | 85838-X32           |  |  |  |  |  |
|   | D                   |  |  |  |  |  | D                   |  |  |  |  |  | D                   |  |  |  |  |  | D                   |  |  |  |  |  |
|   | C                   |  |  |  |  |  | C                   |  |  |  |  |  | C                   |  |  |  |  |  | C                   |  |  |  |  |  |
|   | B                   |  |  |  |  |  | B                   |  |  |  |  |  | B                   |  |  |  |  |  | B                   |  |  |  |  |  |
| F | 85838-X21LF         |  |  |  |  |  | 85838-X22LF         |  |  |  |  |  | 85838-X26LF         |  |  |  |  |  | 85838-X30LF         |  |  |  |  |  |
|   | A                   |  |  |  |  |  | A                   |  |  |  |  |  | A                   |  |  |  |  |  | A                   |  |  |  |  |  |
|   | 85838-X19LF         |  |  |  |  |  | 85838-X23LF         |  |  |  |  |  | 85838-X27LF         |  |  |  |  |  | 85838-X31LF         |  |  |  |  |  |
|   | A                   |  |  |  |  |  | A                   |  |  |  |  |  | A                   |  |  |  |  |  | A                   |  |  |  |  |  |
| G | 85838-X20LF         |  |  |  |  |  | 85838-X24LF         |  |  |  |  |  | 85838-X28LF         |  |  |  |  |  | 85838-X32LF         |  |  |  |  |  |
|   | A                   |  |  |  |  |  | A                   |  |  |  |  |  | A                   |  |  |  |  |  | A                   |  |  |  |  |  |
|   | 85838-X21LF         |  |  |  |  |  | 85838-X22LF         |  |  |  |  |  | 85838-X26LF         |  |  |  |  |  | 85838-X30LF         |  |  |  |  |  |
|   | A                   |  |  |  |  |  | A                   |  |  |  |  |  | A                   |  |  |  |  |  | A                   |  |  |  |  |  |

|                                                                                     |                |            |                                                                                                     |                                                                                             |                      |                        |       |        |  |              |  |     |    |
|-------------------------------------------------------------------------------------|----------------|------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------|------------------------|-------|--------|--|--------------|--|-----|----|
| dr                                                                                  | Terran Huang   | 2010/07/08 | projection<br> | MM<br> | size                 | A4                     | scale | 11:10  |  |              |  |     |    |
| eng                                                                                 | Julia Wang     | 2012/09/19 |                                                                                                     |                                                                                             | ecn no               | ELX-DG-012854-1        |       |        |  |              |  |     |    |
| chr                                                                                 | -              | -          |                                                                                                     |                                                                                             | rel level            | Released               |       |        |  |              |  |     |    |
| appr                                                                                | Pei-Ming Zheng | 2012/09/19 | product family                                                                                      |                                                                                             | METRAL               |                        |       |        |  |              |  |     |    |
|  |                | title      |                                                                                                     |                                                                                             | METRAL SIGNAL HEADER |                        |       | dwg no |  | 85838        |  | rev | BH |
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|-------------|----------------|------------------------|-----------------------------------|---------------------------|-----------|------------------------|-------|--------------|
| dr          | Terran Huang   | 2010/07/08             | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size      | A4                     | scale | 11:10        |
| eng         | Julia Wang     | 2012/09/19             |                                   |                           | ecn no    | ELX-DG-012854-1        |       |              |
| chr         | -              | -                      |                                   |                           | rel level | Released               |       |              |
| appr        | Pei-Ming Zheng | 2012/09/19             | product family                    |                           | METRAL    |                        |       |              |
|             |                | title                  |                                   |                           | dwg no    |                        |       | rev          |
|             |                | METRAL SIGNAL HEADER   |                                   |                           | 85838     |                        |       | BI           |
|             |                | I MOD, 5 ROW PRESS-FIT |                                   |                           |           |                        |       |              |
| www.fci.com |                | cat. no.               |                                   | -                         |           | Product - Customer Drw |       | sheet 5 of 9 |

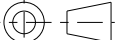


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|-------------|--|--|--|--|--|--|--|---------------------|--|---|--|--|--|--------------|--|--|--|--|--|---|--|---------------------|--|--|--|--|--|-------------|--|---|--|--|--|--|--|---------------------|--|--|--|--|--|-------------|--|--|--|--|--|--|--|---------------|--|--|--|--|--|
|             |  |  |  |  |  |  |  |                     |  |   |  |  |  |              |  |  |  |  |  |   |  |                     |  |  |  |  |  |             |  |   |  |  |  |  |  |                     |  |  |  |  |  |             |  |  |  |  |  |  |  |               |  |  |  |  |  |
| 1           |  |  |  |  |  |  |  |                     |  | 2 |  |  |  |              |  |  |  |  |  | 3 |  |                     |  |  |  |  |  |             |  | 4 |  |  |  |  |  |                     |  |  |  |  |  |             |  |  |  |  |  |  |  |               |  |  |  |  |  |
| METRAL P/N  |  |  |  |  |  |  |  | CONTACT CODE MOD. I |  |   |  |  |  | METRAL P/N   |  |  |  |  |  |   |  | CONTACT CODE MOD. I |  |  |  |  |  | METRAL P/N  |  |   |  |  |  |  |  | CONTACT CODE MOD. I |  |  |  |  |  |             |  |  |  |  |  |  |  |               |  |  |  |  |  |
| ROW         |  |  |  |  |  |  |  | I 2 3 4 5 6         |  |   |  |  |  | ROW          |  |  |  |  |  |   |  | I 2 3 4 5 6         |  |  |  |  |  | ROW         |  |   |  |  |  |  |  | I 2 3 4 5 6         |  |  |  |  |  |             |  |  |  |  |  |  |  |               |  |  |  |  |  |
| 85838-X49   |  |  |  |  |  |  |  | E 40 40 40 40 40 40 |  |   |  |  |  | 85838-X53    |  |  |  |  |  |   |  | E 41 41 41 41 41 41 |  |  |  |  |  | 85838-X57   |  |   |  |  |  |  |  | E 11 11 11 11 11 11 |  |  |  |  |  | 85838-X61   |  |  |  |  |  |  |  | E 2 2 2 2 2 2 |  |  |  |  |  |
|             |  |  |  |  |  |  |  | D 40 40 40 40 40 40 |  |   |  |  |  |              |  |  |  |  |  |   |  | D 41 41 41 41 41 41 |  |  |  |  |  |             |  |   |  |  |  |  |  | D 11 11 11 11 11 11 |  |  |  |  |  |             |  |  |  |  |  |  |  | D 1 1 1 1 1 1 |  |  |  |  |  |
| -----       |  |  |  |  |  |  |  | C 40 40 40 40 40 40 |  |   |  |  |  | -----        |  |  |  |  |  |   |  | C 42 42 42 42 42 42 |  |  |  |  |  | -----       |  |   |  |  |  |  |  | C 12 12 12 12 12 12 |  |  |  |  |  | -----       |  |  |  |  |  |  |  | C 1 1 1 1 1 1 |  |  |  |  |  |
| 85838-X49LF |  |  |  |  |  |  |  | B 40 40 40 40 40 40 |  |   |  |  |  | 85838-X53LF  |  |  |  |  |  |   |  | B 43 43 43 43 43 43 |  |  |  |  |  | 85838-X57LF |  |   |  |  |  |  |  | B 21 21 21 21 21 21 |  |  |  |  |  | 85838-X61LF |  |  |  |  |  |  |  | B 1 1 1 1 1 1 |  |  |  |  |  |
|             |  |  |  |  |  |  |  | A 41 41 41 41 41 41 |  |   |  |  |  |              |  |  |  |  |  |   |  | A 43 43 43 43 43 43 |  |  |  |  |  |             |  |   |  |  |  |  |  | A 21 21 21 21 21 21 |  |  |  |  |  |             |  |  |  |  |  |  |  | A 1 1 1 1 1 1 |  |  |  |  |  |
| METRAL P/N  |  |  |  |  |  |  |  | CONTACT CODE MOD. I |  |   |  |  |  | METRAL P/N   |  |  |  |  |  |   |  | CONTACT CODE MOD. I |  |  |  |  |  | METRAL P/N  |  |   |  |  |  |  |  | CONTACT CODE MOD. I |  |  |  |  |  |             |  |  |  |  |  |  |  |               |  |  |  |  |  |
| ROW         |  |  |  |  |  |  |  | I 2 3 4 5 6         |  |   |  |  |  | ROW          |  |  |  |  |  |   |  | I 2 3 4 5 6         |  |  |  |  |  | ROW         |  |   |  |  |  |  |  | I 2 3 4 5 6         |  |  |  |  |  |             |  |  |  |  |  |  |  |               |  |  |  |  |  |
| 85838-X50   |  |  |  |  |  |  |  | E 25 25 25 25 25 25 |  |   |  |  |  | 85838-X54    |  |  |  |  |  |   |  | E 41 41 41 41 41 41 |  |  |  |  |  | 85838-X58   |  |   |  |  |  |  |  | E 11 11 11 11 11 11 |  |  |  |  |  | 85838-X62   |  |  |  |  |  |  |  | E 1 1 1 1 1 1 |  |  |  |  |  |
|             |  |  |  |  |  |  |  | D 41 41 41 41 41 41 |  |   |  |  |  |              |  |  |  |  |  |   |  | D 41 41 41 41 41 41 |  |  |  |  |  | -----       |  |   |  |  |  |  |  | D 11 11 11 11 11 11 |  |  |  |  |  |             |  |  |  |  |  |  |  | D 2 2 2 2 2 2 |  |  |  |  |  |
| -----       |  |  |  |  |  |  |  | C 25 25 25 25 25 25 |  |   |  |  |  | -----        |  |  |  |  |  |   |  | C 41 41 41 41 41 41 |  |  |  |  |  | 85838-X58LF |  |   |  |  |  |  |  | C 11 11 11 11 11 11 |  |  |  |  |  | -----       |  |  |  |  |  |  |  | C 3 3 3 3 3 3 |  |  |  |  |  |
| 85838-X50LF |  |  |  |  |  |  |  | B 25 25 25 25 25 25 |  |   |  |  |  | 85838-X54LF  |  |  |  |  |  |   |  | B 43 43 43 43 43 43 |  |  |  |  |  |             |  |   |  |  |  |  |  | B 21 21 21 21 21 21 |  |  |  |  |  | 85838-X62LF |  |  |  |  |  |  |  | B 2 2 2 2 2 2 |  |  |  |  |  |
|             |  |  |  |  |  |  |  | A 41 41 41 41 41 41 |  |   |  |  |  |              |  |  |  |  |  |   |  | A 41 41 41 41 41 41 |  |  |  |  |  |             |  |   |  |  |  |  |  | A 11 11 11 11 11 11 |  |  |  |  |  |             |  |  |  |  |  |  |  | A 1 1 1 1 1 1 |  |  |  |  |  |
| METRAL P/N  |  |  |  |  |  |  |  | CONTACT CODE MOD. I |  |   |  |  |  | METRAL P/N   |  |  |  |  |  |   |  | CONTACT CODE MOD. I |  |  |  |  |  | METRAL P/N  |  |   |  |  |  |  |  | CONTACT CODE MOD. I |  |  |  |  |  |             |  |  |  |  |  |  |  |               |  |  |  |  |  |
| ROW         |  |  |  |  |  |  |  | I 2 3 4 5 6         |  |   |  |  |  | ROW          |  |  |  |  |  |   |  | I 2 3 4 5 6         |  |  |  |  |  | ROW         |  |   |  |  |  |  |  | I 2 3 4 5 6         |  |  |  |  |  |             |  |  |  |  |  |  |  |               |  |  |  |  |  |
| 85838-X51   |  |  |  |  |  |  |  | E 41 41 41 41 41 41 |  |   |  |  |  | 85838-X55    |  |  |  |  |  |   |  | E 42 42 42 42 42 42 |  |  |  |  |  | 85838-X59   |  |   |  |  |  |  |  | E 7 7 7 7 7 7       |  |  |  |  |  | 85838-X63   |  |  |  |  |  |  |  | E - - - - -   |  |  |  |  |  |
|             |  |  |  |  |  |  |  | D 41 41 41 41 41 41 |  |   |  |  |  |              |  |  |  |  |  |   |  | D 42 42 42 42 42 42 |  |  |  |  |  | -----       |  |   |  |  |  |  |  | D 7 7 7 7 7 7       |  |  |  |  |  |             |  |  |  |  |  |  |  | D 4 4 4 4 4 4 |  |  |  |  |  |
| -----       |  |  |  |  |  |  |  | C 41 41 41 41 41 41 |  |   |  |  |  | -----        |  |  |  |  |  |   |  | C 42 42 42 42 42 42 |  |  |  |  |  | 85838-X59LF |  |   |  |  |  |  |  | C 8 8 8 8 8 8       |  |  |  |  |  | -----       |  |  |  |  |  |  |  | C 4 4 4 4 4 4 |  |  |  |  |  |
| 85838-X51LF |  |  |  |  |  |  |  | B 41 41 41 41 41 41 |  |   |  |  |  | 85838-X55LF  |  |  |  |  |  |   |  | B 42 42 42 42 42 42 |  |  |  |  |  |             |  |   |  |  |  |  |  | B 20 20 20 20 20 20 |  |  |  |  |  | 85838-X63LF |  |  |  |  |  |  |  | B 4 4 4 4 4 4 |  |  |  |  |  |
|             |  |  |  |  |  |  |  | A 41 41 41 41 41 41 |  |   |  |  |  |              |  |  |  |  |  |   |  | A 42 42 42 42 42 42 |  |  |  |  |  |             |  |   |  |  |  |  |  | A 20 20 20 20 20 20 |  |  |  |  |  |             |  |  |  |  |  |  |  | A 3 3 3 3 3 3 |  |  |  |  |  |
| METRAL P/N  |  |  |  |  |  |  |  | CONTACT CODE MOD. I |  |   |  |  |  | METRAL P/N   |  |  |  |  |  |   |  | CONTACT CODE MOD. I |  |  |  |  |  | METRAL P/N  |  |   |  |  |  |  |  | CONTACT CODE MOD. I |  |  |  |  |  |             |  |  |  |  |  |  |  |               |  |  |  |  |  |
| ROW         |  |  |  |  |  |  |  | I 2 3 4 5 6         |  |   |  |  |  | ROW          |  |  |  |  |  |   |  | I 2 3 4 5 6         |  |  |  |  |  | ROW         |  |   |  |  |  |  |  | I 2 3 4 5 6         |  |  |  |  |  |             |  |  |  |  |  |  |  |               |  |  |  |  |  |
| 85838-X52   |  |  |  |  |  |  |  | E 25 25 25 25 25 25 |  |   |  |  |  | 85838-X56    |  |  |  |  |  |   |  | E 43 43 43 43 43 43 |  |  |  |  |  | 85838-X60   |  |   |  |  |  |  |  | E 7 7 7 7 7 7       |  |  |  |  |  | 85838-X64   |  |  |  |  |  |  |  | E 2 2 2 2 2 2 |  |  |  |  |  |
|             |  |  |  |  |  |  |  | D 25 25 25 25 25 25 |  |   |  |  |  |              |  |  |  |  |  |   |  | D 43 43 43 43 43 43 |  |  |  |  |  | -----       |  |   |  |  |  |  |  | D 7 7 7 7 7 7       |  |  |  |  |  |             |  |  |  |  |  |  |  | D 3 3 3 3 3 3 |  |  |  |  |  |
| -----       |  |  |  |  |  |  |  | C 25 25 25 25 25 25 |  |   |  |  |  | -----        |  |  |  |  |  |   |  | C 43 43 43 43 43 43 |  |  |  |  |  | 85838-X60LF |  |   |  |  |  |  |  | C 7 7 7 7 7 7       |  |  |  |  |  | -----       |  |  |  |  |  |  |  | C 4 4 4 4 4 4 |  |  |  |  |  |
| 85838-X52LF |  |  |  |  |  |  |  | B 42 42 42 42 42 42 |  |   |  |  |  | :85838-X56LF |  |  |  |  |  |   |  | B 43 43 43 43 43 43 |  |  |  |  |  |             |  |   |  |  |  |  |  | B 20 20 20 20 20 20 |  |  |  |  |  | 85838-X64LF |  |  |  |  |  |  |  | B 4 4 4 4 4 4 |  |  |  |  |  |
|             |  |  |  |  |  |  |  | A 25 25 25 25 25 25 |  |   |  |  |  |              |  |  |  |  |  |   |  | A 43 43 43 43 43 43 |  |  |  |  |  |             |  |   |  |  |  |  |  | A 7 7 7 7 7 7       |  |  |  |  |  |             |  |  |  |  |  |  |  | A 4 4 4 4 4 4 |  |  |  |  |  |



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|-------------------------------------------------------------------------------------|----------------|------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------|------------------------|-----------------|--------------|--|
| dr                                                                                  | Terran Huang   | 2010/07/08             | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size                 | A4                     | scale           | 11:10        |  |
| eng                                                                                 | Julia Wang     | 2012/09/19             |                                                                                                                        |                                                                                                                | ecn no               |                        | ELX-DG-012854-1 |              |  |
| chr                                                                                 | -              | -                      |                                                                                                                        |                                                                                                                | rel level            |                        | Released        |              |  |
| appr                                                                                | Pei-Ming Zheng | 2012/09/19             | product family                                                                                                         |                                                                                                                | METRAL               |                        |                 |              |  |
|  |                | title                  |                                                                                                                        |                                                                                                                | METRAL SIGNAL HEADER |                        |                 | rev          |  |
|                                                                                     |                | I MOD, 5 ROW PRESS-FIT |                                                                                                                        |                                                                                                                | dwg no               |                        |                 | 85838        |  |
|                                                                                     |                |                        |                                                                                                                        |                                                                                                                |                      |                        |                 | BI           |  |
| www.fci.com                                                                         |                | cat. no.               |                                                                                                                        | -                                                                                                              |                      | Product - Customer Drw |                 | sheet 7 of 9 |  |

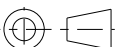


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| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|---------------|-----|------------------------|---|---|---|---|---|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 85838-X81     | E   | 3                      | 3 | 3 | 3 | 3 | 3 |
|               | D   | 1                      | 1 | 1 | 1 | 1 | 1 |
|               | C   | 1                      | 1 | 1 | 1 | 1 | 1 |
| -----         | B   | 1                      | 1 | 1 | 1 | 1 | 1 |
|               | A   | 1                      | 1 | 1 | 1 | 1 | 1 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|---------------|-----|------------------------|---|---|---|---|---|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 85838-X82     | E   | 1                      | 1 | 1 | 1 | 1 | 1 |
|               | D   | 1                      | 1 | 1 | 1 | 1 | 1 |
|               | C   | 2                      | 2 | 2 | 2 | 2 | 2 |
| -----         | B   | 1                      | 1 | 1 | 1 | 1 | 1 |
|               | A   | 1                      | 1 | 1 | 1 | 1 | 1 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|---------------|-----|------------------------|---|---|---|---|---|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 85838-X83     | E   | 1                      | 1 | - | 1 | 1 | 1 |
|               | D   | 3                      | 3 | - | 3 | 3 | 3 |
|               | C   | -                      | - | 3 | 3 | 3 | 3 |
| -----         | B   | 3                      | 3 | - | 3 | 3 | 3 |
|               | A   | 1                      | 1 | - | 1 | 1 | 1 |

|                                                                                                |                |            |                                                                                                                        |                                                                                                                |                        |                 |       |              |
|------------------------------------------------------------------------------------------------|----------------|------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------|-----------------|-------|--------------|
| dr                                                                                             | Terran Huang   | 2010/07/08 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size                   | A4              | scale | 11:10        |
| eng                                                                                            | Julia Wang     | 2012/09/19 |                                                                                                                        |                                                                                                                | ecn no                 | ELX-DG-012854-1 |       |              |
| chr                                                                                            | -              | -          |                                                                                                                        |                                                                                                                | rel level              | Released        |       |              |
| appr                                                                                           | Pei-Ming Zheng | 2012/09/19 | product family                                                                                                         |                                                                                                                | METRAL                 |                 |       |              |
| <div></div> |                | title      |                                                                                                                        |                                                                                                                | METRAL SIGNAL HEADER   |                 |       | rev          |
|                                                                                                |                |            |                                                                                                                        |                                                                                                                | I MOD, 5 ROW PRESS-FIT |                 |       |              |
| www.fci.com                                                                                    |                | cat. no.   |                                                                                                                        | -                                                                                                              | Product - Customer Drw |                 |       | sheet 8 of 9 |





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# PRODUCT NUMBER

85838-XYX

85838-XYXLF

## NOTES:

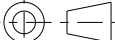
- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS.  
FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:  
PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL: 85838-XYX IS SnPb, 85838-XYXLF IS Sn(LEAD FREE)  
CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE BELOW.
- PRODUCT MARKING:  
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.  
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.  
EXAMPLE: XXXXX-XXXP
- PRODUCT SPECIFICATION: GS-12-180  
APPLICATION SPECIFICATION: BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).

10. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1--- AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

## PLATING IN CONTACT AREA

| DASH NUMBER | PERFORMANCE LEVEL                 | NOTES       |
|-------------|-----------------------------------|-------------|
| -           | -                                 | -           |
| -AYY        | TELCORDIA CO (SEE NOTE 9)         | -           |
| -N1YY       | TELCORDIA CO (NXT)                | -           |
| -N5YY       | TELCORDIA UE (NXT)                | -           |
| -1YY        | TELCORDIA CO                      | -           |
| -2YY        | TELECOM CLASS                     | -           |
| -3YY        | IEC CLASS I                       | -           |
| -5YY        | TELCORDIA UE                      | -           |
| -AYXLF      | TELCORDIA CO (SEE NOTE 9)         | SEE NOTE 10 |
| -N1XXLF     | TELCORDIA CO (NXT)<br>IEC CLASS I | SEE NOTE 10 |
| -N5XXLF     | TELCORDIA UE (NXT)                | SEE NOTE 10 |
| -1XXLF      | TELCORDIA CO<br>IEC CLASS I       | SEE NOTE 10 |
| -2XXLF      | TELECOM CLASS                     | SEE NOTE 10 |
| -5XXLF      | TELCORDIA UE                      | SEE NOTE 10 |

|                                                                                     |                |            |                                                                                                                        |                                                                                                                |                      |                        |       |        |  |              |  |     |    |
|-------------------------------------------------------------------------------------|----------------|------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------|------------------------|-------|--------|--|--------------|--|-----|----|
| dr                                                                                  | Terran Huang   | 2010/07/08 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size                 | A4                     | scale | 11:10  |  |              |  |     |    |
| eng                                                                                 | Julia Wang     | 2012/09/19 |                                                                                                                        |                                                                                                                | ecn no               | ELX-DG-012854-1        |       |        |  |              |  |     |    |
| chr                                                                                 | -              | -          |                                                                                                                        |                                                                                                                | rel level            | Released               |       |        |  |              |  |     |    |
| appr                                                                                | Pei-Ming Zheng | 2012/09/19 | product family                                                                                                         |                                                                                                                | METRAL               |                        |       |        |  |              |  |     |    |
|  |                | title      |                                                                                                                        |                                                                                                                | METRAL SIGNAL HEADER |                        |       | dwg no |  | 85838        |  | rev | BH |
| www.fci.com                                                                         |                | cat. no.   |                                                                                                                        | -                                                                                                              |                      | Product - Customer Drw |       |        |  | sheet 9 of 9 |  |     |    |

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.);

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## 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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