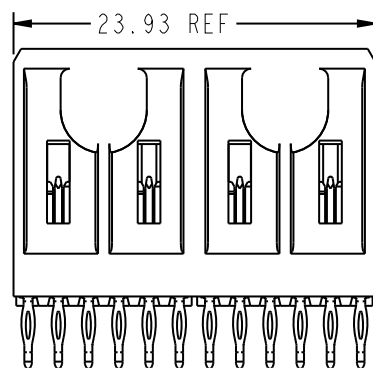
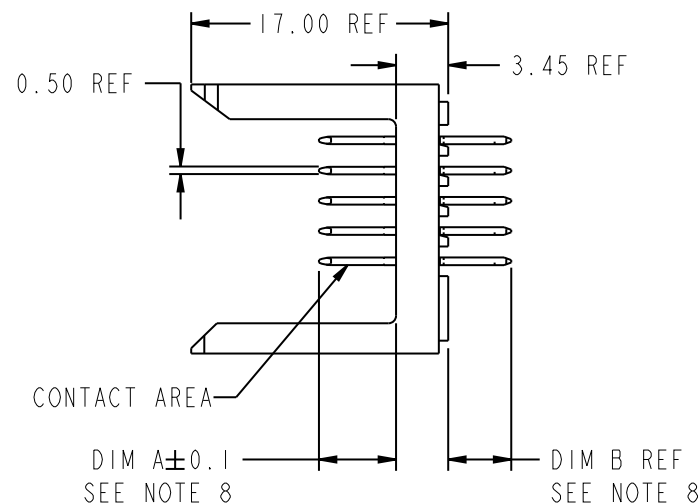
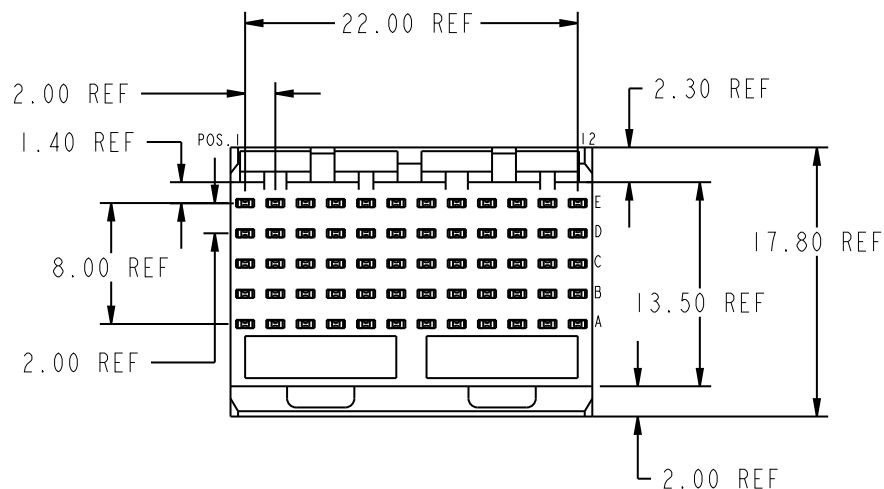
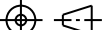
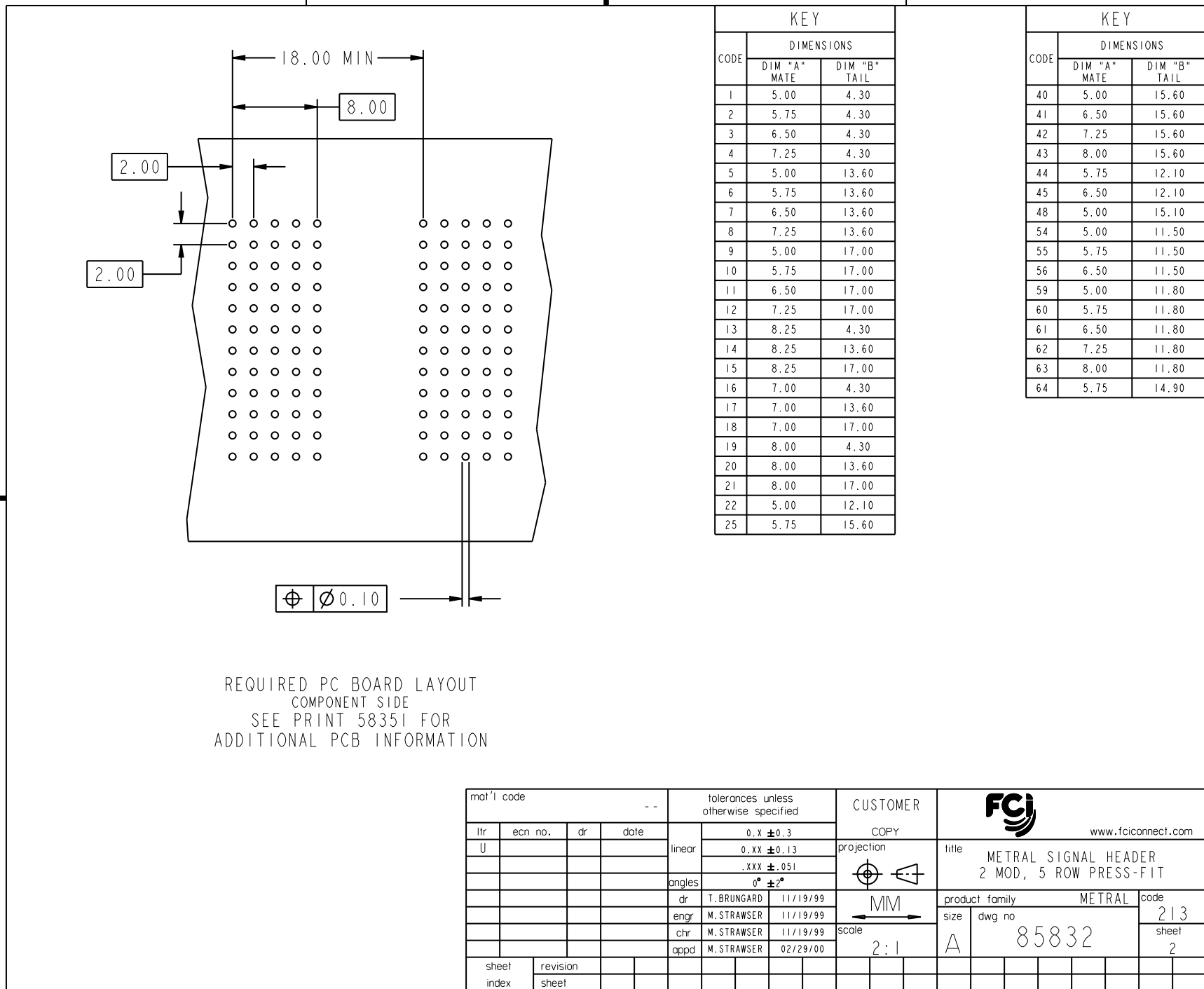




|                |
|----------------|
| PRODUCT NUMBER |
| 85832-XYX      |
| 85832-XYLX     |



|             |           |          |            |        |                  |                                       |          |   |                                                                                       |          |                                                                                       |                                                                                       |        |                    |        |  |  |
|-------------|-----------|----------|------------|--------|------------------|---------------------------------------|----------|---|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|--------------------|--------|--|--|
| mat'l code  |           |          |            | --     |                  | tolerances unless otherwise specified |          |   |                                                                                       | CUSTOMER |                                                                                       |  |        | www.fciconnect.com |        |  |  |
| ltr         | ecm no.   | dr       | date       | linear | 0. X $\pm$ 0.3   |                                       |          |   | COPY                                                                                  |          |  | title<br>METRAL SIGNAL HEADER<br>2 MOD, 5 ROW PRESS-FIT                               |        |                    |        |  |  |
| T           | V06-0569  | DCH      | 2006-06-12 |        | 0. XX $\pm$ 0.13 |                                       |          |   |                                                                                       |          |                                                                                       |                                                                                       |        |                    |        |  |  |
| U           | DG09-0256 | TER      | 2009-08-19 |        | . XXX $\pm$ .051 |                                       |          |   |                                                                                       |          |                                                                                       |                                                                                       |        |                    |        |  |  |
| -           | -         | -        | -          | angles | 0° $\pm$ 2°      |                                       |          |   |                                                                                       |          |                                                                                       |                                                                                       |        |                    |        |  |  |
| N           | V04-0559  | HTB      | 06/01/04   | dr     | T.BRUNGARD       |                                       | 11/19/99 |   |  |          | product family                                                                        |                                                                                       | METRAL |                    | code   |  |  |
| P           | V04-1059  | HTB      | 10/25/04   | enrg   | M.STRAWER        |                                       | 11/19/99 |   |                                                                                       |          | size                                                                                  |                                                                                       | dwg no |                    | 213    |  |  |
| R           | V04-1100  | DAI      | 01/20/05   | chr    | M.STRAWER        |                                       | 11/19/99 |   | scale<br>2:1                                                                          |          | A                                                                                     |                                                                                       | 85832  |                    | sheet  |  |  |
| S           | V05-0235  | LP       | 3/30/05    | appd   | M.STRAWER        |                                       | 02/29/00 |   |                                                                                       |          |                                                                                       |                                                                                       |        |                    | 1 of 8 |  |  |
| sheet index |           | revision |            | U      | U                | U                                     | U        | U | U                                                                                     | U        | U                                                                                     |                                                                                       |        |                    |        |  |  |
| sheet       |           | sheet    |            | 1      | 2                | 3                                     | 4        | 5 | 6                                                                                     | 7        | 8                                                                                     |                                                                                       |        |                    |        |  |  |





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| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X01     | E   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|               | D   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
| 85832-X01LF   | C   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|               | B   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|               | A   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X02     | E   | 1                      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  |
|               | D   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |
| 85832-X02LF   | C   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |
|               | B   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |
|               | A   | 1                      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X03     | E   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |
|               | D   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |
| 85832-X03LF   | C   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |
|               | B   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |
|               | A   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X04     | E   | 3                      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  |
|               | D   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
| 85832-X04LF   | C   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | B   | 9                      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  |
|               | A   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X05     | E   | 44                     | 44 | 44 | 44 | 44 | 44     | 44 | 44 | 44 | 44 |
|               | D   | 22                     | 22 | 22 | 22 | 22 | 22     | 22 | 22 | 22 | 22 |
| 85832-X05LF   | C   | 44                     | 44 | 44 | 44 | 44 | 44     | 44 | 44 | 44 | 44 |
|               | B   | 44                     | 44 | 44 | 44 | 44 | 44     | 44 | 44 | 44 | 44 |
|               | A   | 45                     | 45 | 45 | 45 | 45 | 45     | 45 | 45 | 45 | 45 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 85832-X06     | E   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
| 85832-X06LF   | C   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | B   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|               | A   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X07     | E   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |
|               | D   | 4                      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  |
| 85832-X07LF   | C   | 4                      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  |
|               | B   | 4                      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  |
|               | A   | 4                      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X08     | E   | 20                     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 |
|               | D   | 8                      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  |
| 85832-X08LF   | C   | 8                      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  |
|               | B   | 8                      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  |
|               | A   | 8                      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  |

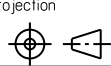
| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 85832-X09     | E   | N/A                    |   |   |   |   |        |   |   |   |    |
|               | D   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
| 85832-X09LF   | C   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | B   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|               | A   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 85832-X10     | E   | N/A                    |   |   |   |   |        |   |   |   |    |
|               | D   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
| 85832-X10LF   | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X11     | E   | N/A                    |    |    |    |    |        |    |    |    |    |
|               | D   | 4                      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  |
| 85832-X11LF   | C   | 4                      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  |
|               | B   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |
|               | A   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 85832-X12     | E   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|               | D   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
| 85832-X12LF   | C   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|               | B   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|               | A   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|               |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 85832-X13     | E   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | D   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
| 85832-X13LF   | C   | 3                      | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  |
|               | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|               | A   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |

|            |          |    |      |                                          |            |            |       |                                                                                                          |        |                                               |        |   |       |
|------------|----------|----|------|------------------------------------------|------------|------------|-------|----------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------|--------|---|-------|
| mat'l code |          | -- |      | tolerances unless<br>otherwise specified |            | CUSTOMER   |       |  www.fciconnect.com |        |                                               |        |   |       |
| lfr        | ecr no.  | dr | date | linear                                   | 0.X ±0.3   | projection | COPY  |                     | title  |                                               |        |   |       |
| U          |          |    |      |                                          | 0.XX ±0.13 |            |       |                                                                                                          |        | METAL SIGNAL HEADER<br>2 MOD, 5 ROW PRESS-FIT |        |   |       |
|            |          |    |      |                                          | .XXX ±.051 |            |       |                                                                                                          |        |                                               |        |   |       |
|            |          |    |      |                                          | 0° ±2°     |            |       |                                                                                                          |        |                                               |        |   |       |
|            |          |    |      | angles                                   |            |            |       |                                                                                                          |        |                                               |        |   |       |
|            |          |    |      | dr                                       | T.BRUNGARD | 11/19/99   | MM    | product family                                                                                           | METRAL |                                               |        |   |       |
|            |          |    |      | enrg                                     | M.STRAWSE  | 11/19/99   |       |                                                                                                          |        | size                                          | dwg no |   |       |
|            |          |    |      | chr                                      | M.STRAWSE  | 11/19/99   |       |                                                                                                          |        |                                               |        | A | 85832 |
|            |          |    |      | appd                                     | M.STRAWSE  | 02/29/00   |       |                                                                                                          |        |                                               |        |   |       |
| sheet      | revision |    |      |                                          |            |            | scale | 1:1                                                                                                      | 3      |                                               |        |   |       |
| index      | sheet    |    |      |                                          |            |            |       |                                                                                                          |        |                                               |        |   |       |
|            |          |    |      |                                          |            |            |       |                                                                                                          |        |                                               |        |   |       |
|            |          |    |      |                                          |            |            |       |                                                                                                          |        |                                               |        |   |       |
|            |          |    |      |                                          |            |            |       | cage code                                                                                                |        |                                               |        |   |       |
|            |          |    |      |                                          |            |            |       | 22526                                                                                                    |        |                                               |        |   |       |

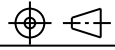
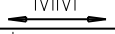


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| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X14     | E   | 16                     | 16 | 16 | 16 | 16 | 16     | 16 | 16 | 16 | 16 |
|               | D   | 16                     | 16 | 16 | 16 | 16 | 16     | 16 | 16 | 16 | 16 |
| 85832-X14LF   | C   | 16                     | 16 | 16 | 16 | 16 | 16     | 16 | 16 | 16 | 16 |
|               | B   | 16                     | 16 | 16 | 16 | 16 | 16     | 16 | 16 | 16 | 16 |
| 85832-X15     | E   | 13                     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 |
|               | D   | 13                     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 |
| 85832-X15LF   | C   | 13                     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 |
|               | B   | 13                     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 |
| 85832-X16     | E   | 17                     | 17 | 17 | 17 | 17 | 17     | 17 | 17 | 17 | 17 |
|               | D   | 17                     | 17 | 17 | 17 | 17 | 17     | 17 | 17 | 17 | 17 |
| 85832-X16LF   | C   | 17                     | 17 | 17 | 17 | 17 | 17     | 17 | 17 | 17 | 17 |
|               | B   | 17                     | 17 | 17 | 17 | 17 | 17     | 17 | 17 | 17 | 17 |
| 85832-X17     | E   | 14                     | 14 | 14 | 14 | 14 | 14     | 14 | 14 | 14 | 14 |
|               | D   | 14                     | 14 | 14 | 14 | 14 | 14     | 14 | 14 | 14 | 14 |
| 85832-X17LF   | C   | 14                     | 14 | 14 | 14 | 14 | 14     | 14 | 14 | 14 | 14 |
|               | B   | 14                     | 14 | 14 | 14 | 14 | 14     | 14 | 14 | 14 | 14 |
| 85832-X18     | E   | 18                     | 18 | 18 | 18 | 18 | 18     | 18 | 18 | 18 | 18 |
|               | D   | 18                     | 18 | 18 | 18 | 18 | 18     | 18 | 18 | 18 | 18 |
| 85832-X18LF   | C   | 18                     | 18 | 18 | 18 | 18 | 18     | 18 | 18 | 18 | 18 |
|               | B   | 18                     | 18 | 18 | 18 | 18 | 18     | 18 | 18 | 18 | 18 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X19     | E   | 15                     | 15 | 15 | 15 | 15 | 15     | 15 | 15 | 15 | 15 |
|               | D   | 15                     | 15 | 15 | 15 | 15 | 15     | 15 | 15 | 15 | 15 |
| 85832-X19LF   | C   | 15                     | 15 | 15 | 15 | 15 | 15     | 15 | 15 | 15 | 15 |
|               | B   | 15                     | 15 | 15 | 15 | 15 | 15     | 15 | 15 | 15 | 15 |
| 85832-X20     | E   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | D   | 9                      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  |
| 85832-X20LF   | C   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | B   | 9                      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  |
| 85832-X21     | E   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
|               | D   | 10                     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 |
| 85832-X21LF   | C   | 9                      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  |
|               | B   | 9                      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  |
| 85832-X22     | E   | 2                      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  |
|               | D   | 4                      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  |
| 85832-X22LF   | C   | 2                      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  |
|               | B   | 2                      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X23     | E   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |
|               | D   | 1                      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  |
| 85832-X23LF   | C   | 19                     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 |
|               | B   | 1                      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  |
| 85832-X24     | E   | 20                     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 |
|               | D   | 5                      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  |
| 85832-X24LF   | C   | 20                     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 |
|               | B   | 5                      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  |
| 85832-X25     | E   | 22                     | 22 | 22 | 22 | 22 | 22     | 22 | 22 | 22 | 22 |
|               | D   | 22                     | 22 | 22 | 22 | 22 | 22     | 22 | 22 | 22 | 22 |
| 85832-X25LF   | C   | 22                     | 22 | 22 | 22 | 22 | 22     | 22 | 22 | 22 | 22 |
|               | B   | 22                     | 22 | 22 | 22 | 22 | 22     | 22 | 22 | 22 | 22 |
| 85832-X26     | E   | 54                     | 54 | 54 | 54 | 54 | 54     | 54 | 54 | 54 | 54 |
|               | D   | 55                     | 55 | 55 | 55 | 55 | 55     | 55 | 55 | 55 | 55 |
| 85832-X26LF   | C   | 56                     | 56 | 56 | 56 | 56 | 56     | 56 | 56 | 56 | 56 |
|               | B   | 55                     | 55 | 55 | 55 | 55 | 55     | 55 | 55 | 55 | 55 |

|            |          |    |      |                                          |                     |          |                                                                                       |                                                                                                          |       |
|------------|----------|----|------|------------------------------------------|---------------------|----------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------|
| mat'l code |          | -- |      | tolerances unless<br>otherwise specified |                     | CUSTOMER |                                                                                       |  www.fciconnect.com |       |
| lfr        | ecr no.  | dr | date | linear                                   | 0.X ±0.3            | COPY     | projection                                                                            | title                                                                                                    |       |
| U          |          |    |      |                                          | 0.XX ±0.13          |          |  | METRAL SIGNAL HEADER                                                                                     |       |
|            |          |    |      | angles                                   | .XXX ±.051          |          |  | 2 MOD, 5 ROW PRESS-FIT                                                                                   |       |
|            |          |    |      | dr                                       | T.BRUNGARD 11/19/99 |          | product family                                                                        | METRAL                                                                                                   | code  |
|            |          |    |      | enrg                                     | M.STRAWSE 11/19/99  |          | size                                                                                  | dwg no                                                                                                   | 213   |
|            |          |    |      | chr                                      | M.STRAWSE 11/19/99  |          | A                                                                                     | 85832                                                                                                    | sheet |
|            |          |    |      | appd                                     | M.STRAWSE 02/29/00  |          | scale                                                                                 | 1:1                                                                                                      | 4     |
| sheet      | revision |    |      |                                          |                     |          |                                                                                       |                                                                                                          |       |
| index      | sheet    |    |      |                                          |                     |          |                                                                                       |                                                                                                          |       |





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| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X40     | E   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 |
|               | D   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 |
| 85832-X40LF   | C   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 |
|               | B   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 |
|               | A   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X41     | E   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 |
|               | D   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 |
| 85832-X41LF   | C   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 |
|               | B   | 63                     | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 |
|               | A   | 63                     | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X42     | E   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 |
|               | D   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 |
| 85832-X42LF   | C   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 |
|               | B   | 63                     | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 |
|               | A   | 61                     | 61 | 61 | 61 | 61 | 61     | 61 | 61 | 61 | 61 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X43     | E   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 |
|               | D   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 |
| 85832-X43LF   | C   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 |
|               | B   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 |
|               | A   | 60                     | 60 | 60 | 60 | 60 | 60     | 60 | 60 | 60 | 60 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X44     | E   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 |
|               | D   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 |
| 85832-X44LF   | C   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 |
|               | B   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 |
|               | A   | 62                     | 62 | 62 | 62 | 62 | 62     | 62 | 62 | 62 | 62 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X45     | E   | 63                     | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 |
|               | D   | 63                     | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 |
| 85832-X45LF   | C   | 63                     | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 |
|               | B   | 63                     | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 |
|               | A   | 63                     | 63 | 63 | 63 | 63 | 63     | 63 | 63 | 63 | 63 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X46     | E   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 |
|               | D   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 |
| 85832-X46LF   | C   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 |
|               | B   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 |
|               | A   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X47     | E   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 |
|               | D   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 |
| 85832-X47LF   | C   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 |
|               | B   | 40                     | 40 | 40 | 40 | 40 | 40     | 40 | 40 | 40 | 40 |
|               | A   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X48     | E   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|               | D   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |
| 85832-X48LF   | C   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|               | B   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|               | A   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X49     | E   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |
|               | D   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |
| 85832-X49LF   | C   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |
|               | B   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |
|               | A   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X50     | E   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|               | D   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
| 85832-X50LF   | C   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|               | B   | 42                     | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 |
|               | A   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X51     | E   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |
|               | D   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |
| 85832-X51LF   | C   | 42                     | 42 | 42 | 42 | 42 | 42     | 42 | 42 | 42 | 42 |
|               | B   | 43                     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 |
|               | A   | 43                     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 |

| METRAL<br>P/N | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|               |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 85832-X52     | E   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |
|               | D   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |
| 85832-X52LF   | C   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |
|               | B   | 43                     | 43 | 43 | 43 | 43 | 43     | 43 | 43 | 43 | 43 |
|               | A   | 41                     | 41 | 41 | 41 | 41 | 41     | 41 | 41 | 41 | 41 |

|            |         |          |      |                                          |                     |          |            |                                                                                                          |  |
|------------|---------|----------|------|------------------------------------------|---------------------|----------|------------|----------------------------------------------------------------------------------------------------------|--|
| mat'l code |         | --       |      | tolerances unless<br>otherwise specified |                     | CUSTOMER |            |  www.fciconnect.com |  |
| lfr        | ecn no. | dr       | date | linear                                   | 0.X ±0.3            | COPY     | projection | title                                                                                                    |  |
| U          |         |          |      |                                          | 0.XX ±0.13          |          |            | METRAL SIGNAL HEADER                                                                                     |  |
|            |         |          |      |                                          | .XXX ±.051          |          |            | 2 MOD, 5 ROW PRESS-FIT                                                                                   |  |
|            |         |          |      | angles                                   | 0° ±2°              |          |            | product family                                                                                           |  |
|            |         |          |      | dr                                       | T.BRUNGARD 11/19/99 |          |            | METRAL                                                                                                   |  |
|            |         |          |      | enqr                                     | M.STRAWSE 11/19/99  |          |            | code                                                                                                     |  |
|            |         |          |      | chr                                      | M.STRAWSE 11/19/99  |          |            | 213                                                                                                      |  |
|            |         |          |      | appd                                     | M.STRAWSE 02/29/00  |          |            | sheet                                                                                                    |  |
| sheet      |         | revision |      |                                          |                     | scale    |            | 6                                                                                                        |  |
| index      |         | sheet    |      |                                          |                     | 1:1      |            |                                                                                                          |  |

|           |  |       |  |   |  |
|-----------|--|-------|--|---|--|
| cage code |  | 22526 |  | 4 |  |
|-----------|--|-------|--|---|--|



## PRODUCT NUMBER

85832-XYX

85832-XYXLF

## NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL  
POLYMER 30 % GLASS.  
FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL:  
PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:  
85832-XYX IS SnPb  
85832-XYXLF IS SN (LEAD FREE)  
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE  
LEVEL SHOWN IN TABLE BELOW.
5. PRODUCT MARKING:  
PART NUMBER DESIGNATION & BATCH I.D.
6. 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

7. PRODUCT SPECIFICATION GS-12-180  
APPLICATION SPECIFICATION BUS-20-073

8. AFTER INSERTION INTO CIRCUIT BOARD WITH  
QUALIFIED TOOL.
9. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE  
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-22-008.

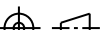
ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING  
(DRAWING NO.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE  
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR  
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1---  
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT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

10. REFER TO 89007 FOR OTHER LOAD VARIATIONS.

| PLATING IN CONTACT AREA |                                   | NOTES      |
|-------------------------|-----------------------------------|------------|
| DASH NUMBER             | PERFORMANCE LEVEL                 | -          |
| -N1YY                   | TELCORDIA CO (NXT)                | -          |
| -N5YY                   | TELCORDIA UE (NXT)                | -          |
| -1YY                    | TELCORDIA CO                      | -          |
| -2YY                    | TELECOM CLASS                     | -          |
| -3YY                    | IEC CLASS I                       | -          |
| -5YY                    | TELCORDIA UE                      | -          |
| -N1YYLF                 | TELCORDIA CO (NXT)<br>IEC CLASS I | SEE NOTE 9 |
| -N5YYLF                 | TELCORDIA UE (NXT)                | SEE NOTE 9 |
| -1YYLF                  | TELCORDIA CO<br>IEC CLASS I       | SEE NOTE 9 |
| -2YYLF                  | TELECOM CLASS                     | SEE NOTE 9 |
| -5YYLF                  | TELCORDIA UE                      | SEE NOTE 9 |



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|-------------|---------|----------------|------|--------|------------|------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|--------------------|--|
| mat'l code  |         |                |      | --     |            | tolerances unless<br>otherwise specified |                                                                                       | CUSTOMER |                                                                                       |  |        | www.fciconnect.com |  |
| lfr         | ecn no. | dr             | date | linear | 0.X ±0.3   |                                          | COPY                                                                                  |          |  | title<br>METRAL SIGNAL HEADER<br>2 MOD, 5 ROW PRESS-FIT                               |        |                    |  |
| U           |         |                |      |        | 0.XX ±0.13 |                                          | projection                                                                            |          |                                                                                       |                                                                                       |        |                    |  |
|             |         |                |      |        | .XXX ±.051 |                                          |                                                                                       |          |                                                                                       |                                                                                       |        |                    |  |
|             |         |                |      | angles | 0° ±2°     |                                          |                                                                                       |          |                                                                                       |                                                                                       |        |                    |  |
|             |         |                |      | dr     | T.BRUNGARD | 11/19/99                                 |  |          | product family                                                                        |                                                                                       | METRAL | code               |  |
|             |         |                |      | enrg   | M.STRAWSER | 11/19/99                                 |                                                                                       |          | size                                                                                  | dwg no                                                                                | 213    |                    |  |
|             |         |                |      | chr    | M.STRAWSER | 11/19/99                                 |                                                                                       |          | scale                                                                                 | A                                                                                     | 85832  | sheet              |  |
|             |         |                |      | appd   | M.STRAWSER | 02/29/00                                 | 1:1                                                                                   |          | 8                                                                                     |                                                                                       |        |                    |  |
| sheet index |         | revision sheet |      |        |            |                                          |                                                                                       |          |                                                                                       |                                                                                       |        |                    |  |

cage code 22526

Pro/E

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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Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

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