



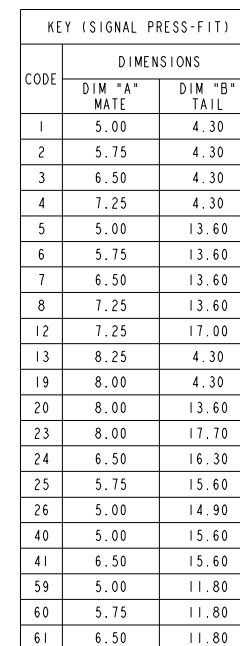
REV E - 2006-04-18

**PDM: Rev:AC**

STATUS: **Released**

Printed: May 11, 2010

4



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



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|----------------|---------|-------------------|------|--------|---------------------|------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------|--|---------------------------|--|
| mat'l code     |         |                   |      | --     |                     | tolerances unless<br>otherwise specified |                                                                                             | CUSTOMER                                                                              |                                                         | <br>www.fciconnect.com |       |  |                           |  |
| lfr            | ecn no. | dr                | date | linear | 0.X ± 0.3           |                                          | projection                                                                                  |  | title<br>METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT |                                                                                                             |       |  |                           |  |
| AC             |         |                   |      |        | 0.XX ± 0.13         |                                          |                                                                                             |                                                                                       |                                                         |                                                                                                             |       |  |                           |  |
|                |         |                   |      |        | .XXX ± .051         |                                          |                                                                                             |                                                                                       |                                                         |                                                                                                             |       |  |                           |  |
|                |         |                   |      | angles | 0° ± 2°             |                                          |                                                                                             |                                                                                       | product family<br>METRAL                                |                                                                                                             |       |  |                           |  |
|                |         |                   |      | dr     | T.BRUNGARD 11/19/99 |                                          | <br>MM | size<br>dwg no                                                                        |                                                         |                                                                                                             |       |  |                           |  |
|                |         |                   |      | enrg   | M.STRAWSER 11/19/99 |                                          |                                                                                             |                                                                                       |                                                         |                                                                                                             |       |  |                           |  |
|                |         |                   |      | chr    | M.STRAWSER 11/19/99 |                                          |                                                                                             |                                                                                       |                                                         |                                                                                                             |       |  |                           |  |
|                |         |                   |      | appd   | M.STRAWSER 02/29/00 |                                          | scale<br>1:1                                                                                |                                                                                       | A                                                       |                                                                                                             | 85851 |  | code<br>213<br>sheet<br>2 |  |
| sheet<br>index |         | revision<br>sheet |      |        |                     |                                          |                                                                                             |                                                                                       |                                                         |                                                                                                             |       |  |                           |  |

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



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REV E - 2006-04-18

|            |  |                     |    |    |    |    |    |                                    |
|------------|--|---------------------|----|----|----|----|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |    |    |    |    |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2  | 3  | 4  | 5  | 6  |                                    |
| D          |  | 12                  | 25 | 23 | 23 | 23 | 25 |                                    |
| C          |  | 12                  | 25 | 23 | 23 | 23 | 25 |                                    |
| B          |  | 12                  | 25 | 23 | 23 | 23 | 25 |                                    |
| A          |  | 12                  | 25 | 23 | 23 | 23 | 25 |                                    |

|            |  |                     |    |    |    |    |    |                                    |
|------------|--|---------------------|----|----|----|----|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |    |    |    |    |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2  | 3  | 4  | 5  | 6  |                                    |
| D          |  | 59                  | 59 | 59 | 59 | 59 | 59 |                                    |
| C          |  | 60                  | 60 | 60 | 60 | 60 | 60 |                                    |
| B          |  | 60                  | 60 | 60 | 60 | 60 | 60 |                                    |
| A          |  | 61                  | 61 | 61 | 61 | 61 | 61 |                                    |

|            |  |                     |    |    |    |    |    |                                    |
|------------|--|---------------------|----|----|----|----|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |    |    |    |    |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2  | 3  | 4  | 5  | 6  |                                    |
| D          |  | 26                  | 23 | 25 | 23 | 12 | 12 |                                    |
| C          |  | 23                  | 23 | 25 | 23 | 12 | 12 |                                    |
| B          |  | 24                  | 23 | 25 | 23 | 12 | 12 |                                    |
| A          |  | 23                  | 23 | 25 | 23 | 12 | 12 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 19                  | 2 | 2 | 2 | 2 | 2 |                                    |
| C          |  | 19                  | 2 | 2 | 2 | 2 | 2 |                                    |
| B          |  | 19                  | 2 | 2 | 2 | 2 | 2 |                                    |
| A          |  | 19                  | 2 | 2 | 2 | 2 | 2 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 8                   | 8 | 6 | 7 | 7 | 6 |                                    |
| C          |  | 8                   | 8 | 6 | 7 | 7 | 6 |                                    |
| B          |  | 8                   | 8 | 6 | 7 | 7 | 6 |                                    |
| A          |  | 8                   | 8 | 6 | 7 | 7 | 6 |                                    |

|            |  |                     |    |    |    |    |    |                                    |
|------------|--|---------------------|----|----|----|----|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |    |    |    |    |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2  | 3  | 4  | 5  | 6  |                                    |
| D          |  | 26                  | 12 | 12 | 12 | 12 | 23 |                                    |
| C          |  | 23                  | 12 | 12 | 12 | 12 | 23 |                                    |
| B          |  | 24                  | 12 | 12 | 12 | 12 | 23 |                                    |
| A          |  | 24                  | 12 | 12 | 12 | 12 | 23 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 4                   | 4 | 4 | 4 | 4 | 4 |                                    |
| C          |  | 2                   | 2 | 2 | 2 | 2 | 2 |                                    |
| B          |  | 2                   | 2 | 2 | 2 | 2 | 2 |                                    |
| A          |  | 2                   | 2 | 2 | 2 | 2 | 2 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 2                   | 2 | 2 | 3 | 4 | 3 |                                    |
| C          |  | 2                   | 2 | 2 | 3 | 4 | 3 |                                    |
| B          |  | 2                   | 2 | 2 | 3 | 4 | 3 |                                    |
| A          |  | 2                   | 2 | 2 | 3 | 4 | 3 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 1                   | 1 | 1 | 1 | 1 | 1 |                                    |
| C          |  | 1                   | 1 | 1 | 1 | 1 | 1 |                                    |
| B          |  | 3                   | 1 | 1 | 1 | 3 | 1 |                                    |
| A          |  | 1                   | 1 | 1 | 1 | 1 | 1 |                                    |

|            |  |                     |    |    |    |    |    |                                    |
|------------|--|---------------------|----|----|----|----|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |    |    |    |    |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2  | 3  | 4  | 5  | 6  |                                    |
| D          |  | 40                  | 40 | 40 | 40 | 41 | 41 |                                    |
| C          |  | 40                  | 40 | 40 | 40 | 40 | 40 |                                    |
| B          |  | 40                  | 40 | 40 | 40 | 40 | 40 |                                    |
| A          |  | 40                  | 40 | 40 | 40 | 40 | 40 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 1                   | 1 | 1 | 1 | 1 | 1 |                                    |
| C          |  | 1                   | 1 | 1 | 1 | 1 | 1 |                                    |
| B          |  | 1                   | 1 | 1 | 1 | 3 | 3 |                                    |
| A          |  | 1                   | 1 | 1 | 1 | 1 | 1 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 4                   | 3 | 4 | 2 | 2 | 2 |                                    |
| C          |  | 4                   | 3 | 4 | 2 | 2 | 2 |                                    |
| B          |  | 4                   | 3 | 4 | 2 | 2 | 2 |                                    |
| A          |  | 4                   | 3 | 4 | 2 | 2 | 2 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 3                   | 3 | 3 | 3 | 3 | 3 |                                    |
| C          |  | 3                   | 3 | 3 | 3 | 3 | 3 |                                    |
| B          |  | 3                   | 3 | 3 | 3 | 3 | 3 |                                    |
| A          |  | 1                   | 3 | 3 | 3 | 3 | 3 |                                    |

|            |  |                     |   |   |   |   |    |                                    |
|------------|--|---------------------|---|---|---|---|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6  |                                    |
| D          |  | 3                   | 3 | 4 | 4 | 2 | 19 |                                    |
| C          |  | 3                   | 3 | 4 | 4 | 2 | 19 |                                    |
| B          |  | 3                   | 3 | 4 | 4 | 2 | 19 |                                    |
| A          |  | 3                   | 3 | 4 | 4 | 2 | 19 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 4                   | 1 | 4 | 1 | 1 | 1 |                                    |
| C          |  | 4                   | 1 | 1 | 1 | 1 | 1 |                                    |
| B          |  | 4                   | 1 | 1 | 1 | 1 | 1 |                                    |
| A          |  | 4                   | 1 | 1 | 1 | 1 | 1 |                                    |

|            |  |                     |    |    |    |    |    |                                    |
|------------|--|---------------------|----|----|----|----|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |    |    |    |    |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2  | 3  | 4  | 5  | 6  |                                    |
| D          |  | 61                  | 61 | 61 | 61 | 61 | 61 |                                    |
| C          |  | 20                  | 20 | 61 | 61 | 61 | 61 |                                    |
| B          |  | 61                  | 61 | 61 | 61 | 61 | 61 |                                    |
| A          |  | 61                  | 61 | 61 | 61 | 61 | 61 |                                    |

|            |  |                     |    |    |    |    |    |                                    |
|------------|--|---------------------|----|----|----|----|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |    |    |    |    |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2  | 3  | 4  | 5  | 6  |                                    |
| D          |  | 61                  | 61 | 61 | 61 | 61 | 61 |                                    |
| C          |  | 61                  | 61 | 61 | 61 | 61 | 61 |                                    |
| B          |  | 61                  | 61 | 61 | 61 | 61 | 61 |                                    |
| A          |  | 61                  | 61 | 61 | 61 | 20 | 20 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 20                  | 6 | 6 | 6 | 6 | 6 |                                    |
| C          |  | 20                  | 6 | 6 | 6 | 6 | 6 |                                    |
| B          |  | 20                  | 6 | 6 | 6 | 6 | 6 |                                    |
| A          |  | 20                  | 6 | 6 | 6 | 6 | 6 |                                    |

|            |  |                     |   |   |   |   |   |                                    |
|------------|--|---------------------|---|---|---|---|---|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |   | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6 |                                    |
| D          |  | 4                   | 4 | 2 | 3 | 3 | 2 |                                    |
| C          |  | 4                   | 4 | 2 | 3 | 3 | 2 |                                    |
| B          |  | 4                   | 4 | 2 | 3 | 3 | 2 |                                    |
| A          |  | 4                   | 4 | 2 | 3 | 3 | 2 |                                    |

|            |  |                     |   |   |   |   |    |                                    |
|------------|--|---------------------|---|---|---|---|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |   |   |   |   |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2 | 3 | 4 | 5 | 6  |                                    |
| D          |  | 7                   | 7 | 6 | 8 | 8 | 20 |                                    |
| C          |  | 7                   | 7 | 6 | 8 | 8 | 20 |                                    |
| B          |  | 7                   | 7 | 6 | 8 | 8 | 20 |                                    |
| A          |  | 7                   | 7 | 6 | 8 | 8 | 20 |                                    |

|            |  |                     |    |    |    |    |    |                                    |
|------------|--|---------------------|----|----|----|----|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |    |    |    |    |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2  | 3  | 4  | 5  | 6  |                                    |
| D          |  | 59                  | 59 | 59 | 59 | 59 | 59 |                                    |
| C          |  | 60                  | 60 | 60 | 60 | 60 | 60 |                                    |
| B          |  | 60                  | 60 | 60 | 60 | 60 | 60 |                                    |
| A          |  | 60                  | 60 | 60 | 60 | 60 | 60 |                                    |

|            |  |                     |    |    |    |    |    |                                    |
|------------|--|---------------------|----|----|----|----|----|------------------------------------|
| METRAL P/N |  | CONTACT CODE MOD. I |    |    |    |    |    | SEE NOTE 11<br>LEAD FREE<br>OPTION |
| ROW        |  | 1                   | 2  | 3  | 4  | 5  | 6  |                                    |
| D          |  | 61                  | 61 | 61 | 61 | 20 | 20 |                                    |
| C          |  | 61                  | 61 | 61 | 61 | 61 | 61 |                                    |
| B          |  | 61                  | 61 | 61 | 61 | 61 | 61 |                                    |
| A          |  | 61                  | 61 | 61 | 61 | 61 | 61 |                                    |

|             |         |          |      |                                       |            |          |       |                           |        |                |        |
|-------------|---------|----------|------|---------------------------------------|------------|----------|-------|---------------------------|--------|----------------|--------|
| mat'l code  |         | --       |      | tolerances unless otherwise specified |            | CUSTOMER |       | FCI<br>www.fciconnect.com |        |                |        |
| ltr         | ecn no. | dr       | date | linear                                | 0.X ±0.3   | COPY     |       | projection                | title  |                |        |
| AC          |         |          |      |                                       | 0.XX ±0.13 | MM       |       |                           |        | product family |        |
|             |         |          |      |                                       | .XXX ±.051 | MM       |       |                           |        |                | METRAL |
|             |         |          |      |                                       | 0° ±2°     | MM       |       |                           |        |                |        |
|             |         |          |      | dr                                    | T.BRUNGARD | 11/19/99 | size  |                           | dwg no |                |        |
|             |         |          |      | engr                                  | M.STRAWSE  | 11/19/99 | 85851 |                           |        |                |        |
|             |         |          |      | chr                                   | M.STRAWSE  | 11/19/99 | A     |                           |        |                |        |
|             |         |          |      | appd                                  | M.STRAWSE  | 02/29/00 | 1:1   |                           |        |                |        |
| sheet index |         | revision |      |                                       |            |          |       |                           | 213    |                |        |
|             |         |          |      |                                       |            |          |       |                           | sheet  |                |        |
|             |         |          |      |                                       |            |          |       |                           | 3      |                |        |



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| METRAL<br>P/N                                       | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|-----------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                     |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 85851-X28<br><br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1  | 20 | 5  | 5  | 5  |
|                                                     | C   | 1                      | 1  | 20 | 5  | 5  | 5  |
|                                                     | B   | 1                      | 1  | 20 | 5  | 5  | 5  |
|                                                     | A   | 1                      | 1  | 20 | 5  | 5  | 5  |
| METRAL<br>P/N                                       | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                     |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 85851-X29<br><br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                      | 3  | 4  | 4  | 3  | 3  |
|                                                     | C   | 3                      | 3  | 3  | 3  | 1  | 3  |
|                                                     | B   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                     | A   | 13                     | 13 | 13 | 13 | 13 | 13 |
| METRAL<br>P/N                                       | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                     |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 85851-X30<br><br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                      | 1  | 3  | 1  | 1  | 1  |
|                                                     | C   | 1                      | 1  | 3  | 1  | 1  | 1  |
|                                                     | B   | 1                      | 1  | 1  | 1  | 1  | 3  |
|                                                     | A   | 1                      | 1  | 1  | 1  | 1  | 3  |
| METRAL<br>P/N                                       | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|                                                     |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 85851-X31<br><br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                      | 2  | 19 | 2  | 19 | 2  |
|                                                     | C   | 2                      | 2  | 19 | 2  | 19 | 2  |
|                                                     | B   | 2                      | 1  | 19 | 2  | 19 | 2  |
|                                                     | A   | 2                      | 2  | 19 | 2  | 19 | 2  |



1 | 2

#### 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:  
85851-XXX IS SnPb  
85851-XXYLF IS SN (LEAD FREE)  
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE  
LEVEL SHOWN IN TABLE.
- 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 OR XXXXX-XXXPFLF
- 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).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE  
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.  
EXAMPLE: 85851-X01LF
- 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.

| mat'l code |          |    |      | tolerances unless<br>otherwise specified |                     | CUSTOMER   |     | FCI                                                  |        |        |  |
|------------|----------|----|------|------------------------------------------|---------------------|------------|-----|------------------------------------------------------|--------|--------|--|
| ---        |          |    |      |                                          |                     | COPY       |     | www.fciconnect.com                                   |        |        |  |
| ltr        | ecn no.  | dr | date | linear                                   | 0.X ±0.3            | projection |     | title METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT |        |        |  |
| AC         |          |    |      |                                          | 0.XX ±0.13          |            |     |                                                      |        |        |  |
|            |          |    |      |                                          | .XXX ±.051          |            |     |                                                      |        |        |  |
|            |          |    |      | angles                                   | 0° ±2°              | MIM        |     | product family                                       |        | METRAL |  |
|            |          |    |      | dr                                       | T.BRUNGARD 11/19/99 |            |     | size                                                 | dwg no | code   |  |
|            |          |    |      | enrg                                     | M.STRAWSE 11/19/99  |            |     |                                                      |        | 213    |  |
|            |          |    |      | chr                                      | M.STRAWSE 11/19/99  |            |     |                                                      |        | sheet  |  |
|            |          |    |      | appd                                     | M.STRAWSE 02/29/00  | scale      | 1:1 | A                                                    | 85851  | 4      |  |
| sheet      | revision |    |      |                                          |                     |            |     |                                                      |        |        |  |
| index      | sheet    |    |      |                                          |                     |            |     |                                                      |        |        |  |

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