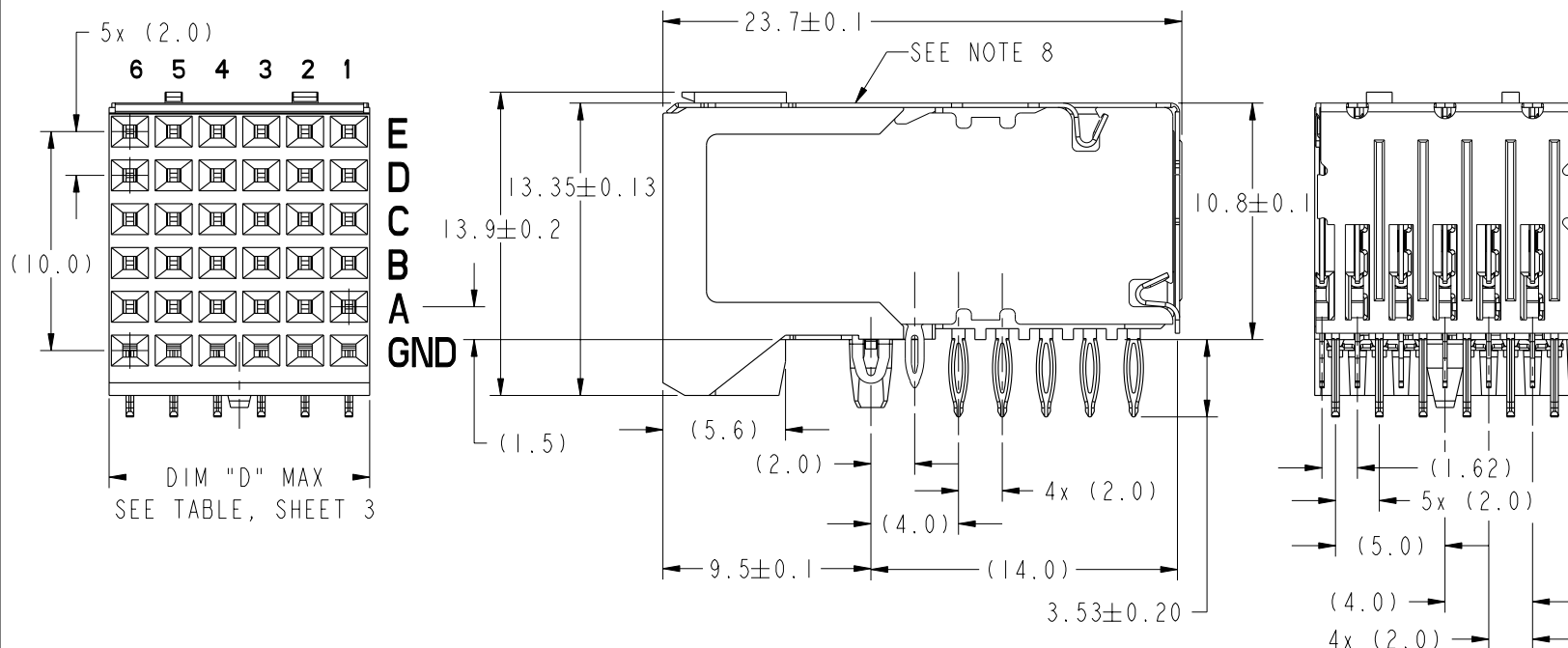


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PRODUCT NUMBER  
SEE SHEET 3



|                          |                |     |            |                                          |                                        |          |            |                                                                          |  |
|--------------------------|----------------|-----|------------|------------------------------------------|----------------------------------------|----------|------------|--------------------------------------------------------------------------|--|
| mat'l code<br>SEE NOTE 2 |                |     |            | tolerances unless<br>otherwise specified |                                        | CUSTOMER |            | <br>www.fciconnect.com                                                   |  |
| ltr                      | ecn no.        | dr  | date       | linear                                   | 0.X ±0.3<br>0.XX ±0.10<br>0.XXX ±0.050 | COPY     | projection |                                                                          |  |
| P                        | V06-0569       | DCH | 2006-06-12 |                                          |                                        |          |            | <br>MM                                                                   |  |
| R                        | V07-0381       | DCH | 2007-05-31 |                                          |                                        |          |            |                                                                          |  |
| S                        | V07-0353       | HTB | 2007-06-06 | angles                                   | 0° ±2°                                 |          |            | product family METRAL 1000 code<br>size dwg no 84688 sheet 213<br>1 of 5 |  |
| T                        | V07-0433       | DCH | 2007-06-27 | dr                                       | S. KLINE 2001-07-06                    |          |            |                                                                          |  |
| U                        | V08-0085       | HTB | 2008-02-18 | enrg                                     | W.J. SWAIN 2001-07-06                  |          |            | scale 3:1                                                                |  |
| -                        | -              | -   | -          | chr                                      | W.J. SWAIN 2001-07-06                  |          |            |                                                                          |  |
| N                        | V05-0870       | DAI | 2005-09-14 | appd                                     | W.J. SWAIN 2001-07-06                  |          |            | cage code 22526                                                          |  |
| sheet index              | revision sheet | U 1 | U 2        | U 3                                      | U 4                                    | U 5      |            |                                                                          |  |

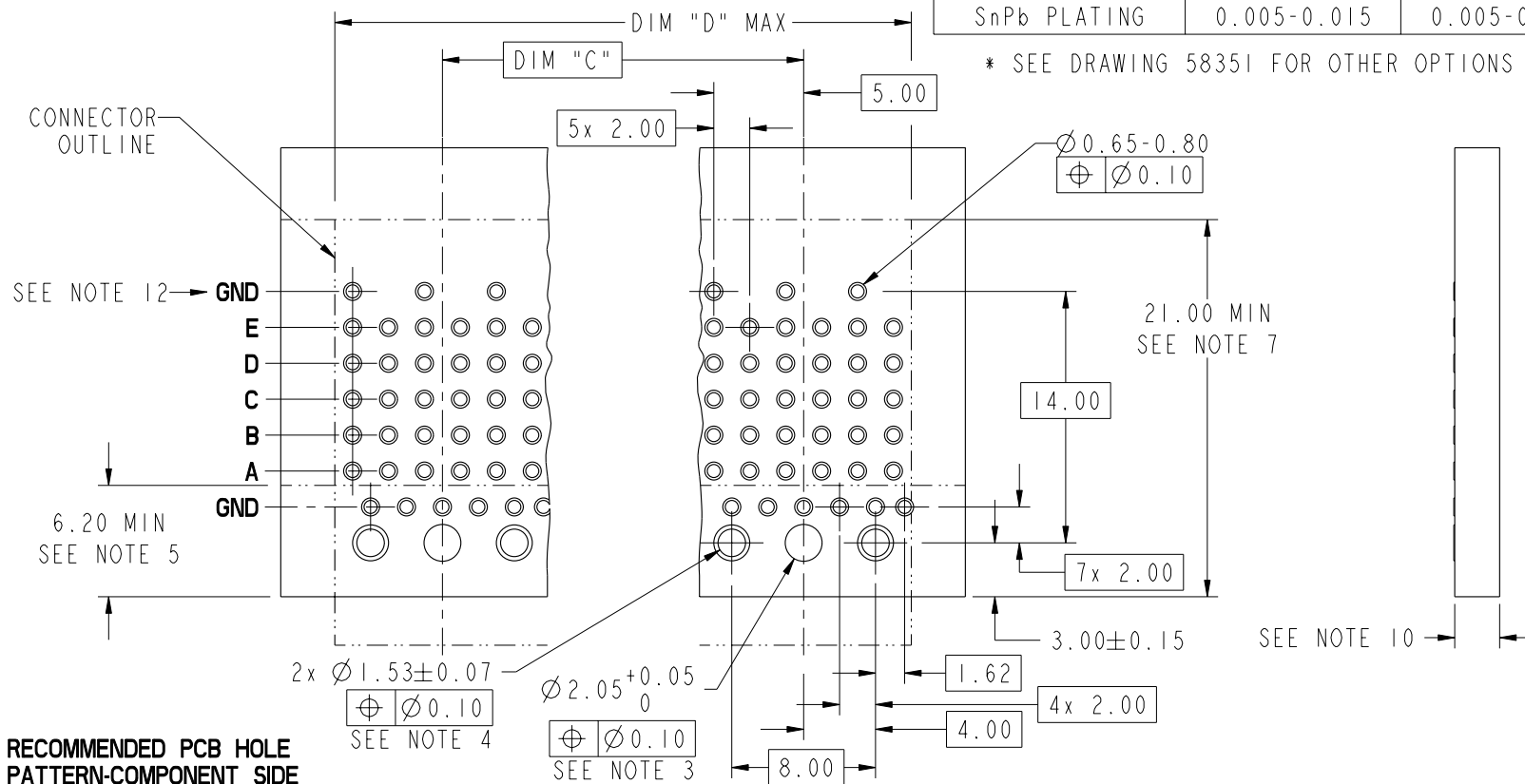


PRODUCT NUMBER  
SEE SHEET 3

PRESS-FIT HOLES

|                                |                                                                            |                                                                            |
|--------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|
| HOLE DIAMETER<br>AFTER PLATING | $\varnothing 0.65\text{--}\varnothing 0.80$<br>*                           | $\varnothing 1.53$                                                         |
| DRILLED HOLE                   | $\varnothing 0.81\text{--}\varnothing 0.86$<br>( $\varnothing 0.85$ DRILL) | $\varnothing 1.61\text{--}\varnothing 1.66$<br>( $\varnothing 1.65$ DRILL) |
| COPPER PLATING                 | 0.025-0.050                                                                | 0.025-0.050                                                                |
| SnPb PLATING                   | 0.005-0.015                                                                | 0.005-0.015                                                                |

\* SEE DRAWING 58351 FOR OTHER OPTIONS



RECOMMENDED PCB HOLE  
PATTERN-COMPONENT SIDE

|                          |                   |    |      |                                          |                |            |                                          |                                              |                                                                                          |  |  |  |
|--------------------------|-------------------|----|------|------------------------------------------|----------------|------------|------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------|--|--|--|
| mat'l code<br>SEE NOTE 2 |                   |    |      | tolerances unless<br>otherwise specified |                | CUSTOMER   |                                          | <div>FCi</div> <div>www.fciconnect.com</div> |                                                                                          |  |  |  |
| ltr                      | ecr no.           | dr | date | linear                                   | 0. X ± 0.3     |            | COPY                                     |                                              | <div>RIGHT ANGLE SIGNAL RECEPTACLE<br/>5 ROW MONOBLOCK</div>                             |  |  |  |
| U                        |                   |    |      |                                          | 0. XX ± 0.10   |            | projection                               |                                              |                                                                                          |  |  |  |
|                          |                   |    |      |                                          | 0. XXX ± 0.050 |            |                                          |                                              |                                                                                          |  |  |  |
|                          |                   |    |      | angles                                   | 0° ± 2°        |            |                                          |                                              | <div>product family<br/>METRAL 1000</div> <div>code<br/>213</div> <div>sheet<br/>2</div> |  |  |  |
|                          |                   |    |      | dr                                       | S. KLINE       | 2001-07-06 | <div>MM</div> <div>scale<br/>1 : 1</div> |                                              |                                                                                          |  |  |  |
|                          |                   |    |      | enr                                      | W. J. SWAIN    | 2001-07-06 |                                          |                                              |                                                                                          |  |  |  |
|                          |                   |    |      | chr                                      | W. J. SWAIN    | 2001-07-06 |                                          |                                              |                                                                                          |  |  |  |
|                          |                   |    |      | appd                                     | W. J. SWAIN    | 2001-07-06 | size<br>A                                |                                              | dwg no<br>84688                                                                          |  |  |  |
| sheet<br>index           | revision<br>sheet |    |      |                                          |                |            |                                          |                                              |                                                                                          |  |  |  |

Pro/E

cage code  
22526

PDM: Rev:U

STATUS: Released

Printed: May 13, 2011



|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|----------------|-----------------------------------------|---------------------------|---------|---------|----------------|-----------------------------------------|---------------------------|---------|---------|----------------|-----------------------------------------|---------------------------|---------|---------|
| 1   2          |                                         |                           |         |         | 3              |                                         |                           |         |         | 4              |                                         |                           |         |         |
| PRODUCT NUMBER | CONTACT PLATING<br>PERFORMANCE<br>LEVEL | PRESS-FIT<br>TAIL PLATING | DIM "C" | DIM "D" | PRODUCT NUMBER | CONTACT PLATING<br>PERFORMANCE<br>LEVEL | PRESS-FIT<br>TAIL PLATING | DIM "C" | DIM "D" | PRODUCT NUMBER | CONTACT PLATING<br>PERFORMANCE<br>LEVEL | PRESS-FIT<br>TAIL PLATING | DIM "C" | DIM "D" |
| 84688-101      | TELCORDIA CO                            | STANDARD (SnPb)           | ---     | 11.98   | 84688-901      | TELCORDIA CO                            | STANDARD (SnPb)           | ---     | 11.98   | 84688-901      | TELCORDIA CO                            | STANDARD (SnPb)           | ---     | 11.98   |
| 84688-101LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | ---     | 11.98   | 84688-901LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | ---     | 11.98   | 84688-901LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | ---     | 11.98   |
| 84688-102      | TELCORDIA CO                            | STANDARD (SnPb)           | 12.00   | 23.98   | 84688-901S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | ---     | 11.98   | 84688-901S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | ---     | 11.98   |
| 84688-102LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 12.00   | 23.98   | 84688-901SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | ---     | 11.98   | 84688-901SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | ---     | 11.98   |
| 84688-103      | TELCORDIA CO                            | STANDARD (SnPb)           | 24.00   | 35.98   | 84688-902      | TELCORDIA CO                            | STANDARD (SnPb)           | 12.00   | 23.98   | 84688-902      | TELCORDIA CO                            | STANDARD (SnPb)           | 12.00   | 23.98   |
| 84688-103LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 24.00   | 35.98   | 84688-902LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 12.00   | 23.98   | 84688-902LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 12.00   | 23.98   |
| 84688-104      | TELCORDIA CO                            | STANDARD (SnPb)           | 36.00   | 47.98   | 84688-902S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 12.00   | 23.98   | 84688-902S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 12.00   | 23.98   |
| 84688-104LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 36.00   | 47.98   | 84688-902SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 12.00   | 23.98   | 84688-902SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 12.00   | 23.98   |
| 84688-105      | TELCORDIA CO                            | STANDARD (SnPb)           | 48.00   | 59.98   | 84688-903      | TELCORDIA CO                            | STANDARD (SnPb)           | 24.00   | 35.98   | 84688-903      | TELCORDIA CO                            | STANDARD (SnPb)           | 24.00   | 35.98   |
| 84688-105LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 48.00   | 59.98   | 84688-903LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 24.00   | 35.98   | 84688-903LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 24.00   | 35.98   |
| 84688-106      | TELCORDIA CO                            | STANDARD (SnPb)           | 60.00   | 71.98   | 84688-903S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 24.00   | 35.98   | 84688-903S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 24.00   | 35.98   |
| 84688-106LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 60.00   | 71.98   | 84688-903SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 24.00   | 35.98   | 84688-903SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 24.00   | 35.98   |
| 84688-108      | O B S O L E T E                         |                           |         |         | 84688-904      | TELCORDIA CO                            | STANDARD (SnPb)           | 36.00   | 47.98   | 84688-904      | TELCORDIA CO                            | STANDARD (SnPb)           | 36.00   | 47.98   |
| 84688-108LF    | O B S O L E T E                         |                           |         |         | 84688-904LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 36.00   | 47.98   | 84688-904LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 36.00   | 47.98   |
| 84688-301      | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | ---     | 11.98   | 84688-904S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 36.00   | 47.98   | 84688-904S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 36.00   | 47.98   |
| 84688-301LF    | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | ---     | 11.98   | 84688-904SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 36.00   | 47.98   | 84688-904SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 36.00   | 47.98   |
| 84688-302      | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 12.00   | 23.98   | 84688-905      | TELCORDIA CO                            | STANDARD (SnPb)           | 48.00   | 59.98   | 84688-905      | TELCORDIA CO                            | STANDARD (SnPb)           | 48.00   | 59.98   |
| 84688-302LF    | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 12.00   | 23.98   | 84688-905LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 48.00   | 59.98   | 84688-905LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 48.00   | 59.98   |
| 84688-303      | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 24.00   | 35.98   | 84688-905S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 48.00   | 59.98   | 84688-905S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 48.00   | 59.98   |
| 84688-303LF    | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 24.00   | 35.98   | 84688-905SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 48.00   | 59.98   | 84688-905SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 48.00   | 59.98   |
| 84688-304      | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 36.00   | 47.98   | 84688-906      | TELCORDIA CO                            | STANDARD (SnPb)           | 60.00   | 71.98   | 84688-906      | TELCORDIA CO                            | STANDARD (SnPb)           | 60.00   | 71.98   |
| 84688-304LF    | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 36.00   | 47.98   | 84688-906LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 60.00   | 71.98   | 84688-906LF    | TELCORDIA CO                            | LEAD FREE (Sn)            | 60.00   | 71.98   |
| 84688-305      | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 48.00   | 59.98   | 84688-906S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 60.00   | 71.98   | 84688-906S     | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 60.00   | 71.98   |
| 84688-305LF    | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 48.00   | 59.98   | 84688-906SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 60.00   | 71.98   | 84688-906SLF   | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 60.00   | 71.98   |
| 84688-306      | CUSTOMER SPECIAL                        | STANDARD (SnPb)           | 60.00   | 71.98   | 84688-908      | O B S O L E T E                         |                           |         |         | 84688-908      | O B S O L E T E                         |                           |         |         |
| 84688-306LF    | CUSTOMER SPECIAL                        | LEAD FREE (Sn)            | 60.00   | 71.98   | 84688-908LF    | O B S O L E T E                         |                           |         |         | 84688-908LF    | O B S O L E T E                         |                           |         |         |
| 84688-308      | O B S O L E T E                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
| 84688-308LF    | O B S O L E T E                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
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|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
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|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
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|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
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|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
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|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
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|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |
|                |                                         |                           |         |         |                |                                         |                           |         |         |                |                                         |                           |         |         |

PRODUCT NUMBER

SEE SHEET 3

## NOTES

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994

2. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED

FLAME RETARDANT ACC. UL94V-0

GROUND SHIELD MATERIAL: COPPER ALLOY

SIGNAL CONTACT MATERIAL: COPPER ALLOY

3.  $\varnothing 2.05$  HOLE IS UNPLATED

4.  $\varnothing 1.53$  PLATED HOLES (2x) ARE FOR GROUNDS

5. AVOID TRACES IN THIS AREA ON TOP OF PCB DUE TO EXPOSED GROUND SHIELD

6. UNDERPLATING FOR SHIELD AND SIGNAL CONTACTS IS  $1.3 \mu\text{m Ni MIN}$

7. COMPONENT KEEP OUT ZONE FOR PRESS BLOCK CLEARANCE

8. PRODUCT MARKING: PRODUCT CODE, DATE AND LOT CODE

9. SEE GS-20-017 FOR APPLICATION OF CONNECTOR TO PCB

10. PCB THICKNESS RANGE: 1.3mm TO 2.5mm

11. SEE PRODUCT SPECIFICATION GS-12-110 FOR PRODUCT PERFORMANCE CHARACTERISTICS.

12. THIS GROUND ROW OF VIA-HOLES ONLY REQUIRED FOR PREVIOUS REVISIONS OF THIS DESIGN WHERE THE TOP SHIELDS HAD EON PRESS-FIT. DUE TO INVENTORIES OF PREVIOUS VERSION WE RECOMMEND THEY BE DESIGNED IN.

13. PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO  $260^\circ$  FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

|                          |         |                   |      |                                          |                |            |          |                                                                                                             |                                                           |                           |             |  |  |            |     |  |
|--------------------------|---------|-------------------|------|------------------------------------------|----------------|------------|----------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------|-------------|--|--|------------|-----|--|
| mat'l code<br>SEE NOTE 2 |         |                   |      | tolerances unless<br>otherwise specified |                |            | CUSTOMER |                                                                                                             |                                                           | FCI<br>www.fciconnect.com |             |  |  |            |     |  |
| ltr                      | ecn no. | dr                | date | linear                                   | 0. X ± 0.3     |            |          | projection<br>         | COPY                                                      |                           |             |  |  |            |     |  |
| U                        |         |                   |      |                                          | 0. XX ± 0.10   |            |          |                                                                                                             | title<br>RIGHT ANGLE SIGNAL RECEPTACLE<br>5 ROW MONOBLOCK |                           |             |  |  |            |     |  |
|                          |         |                   |      |                                          | 0. XXX ± 0.050 |            |          |                                                                                                             |                                                           |                           |             |  |  |            |     |  |
|                          |         |                   |      | angles                                   | 0° ± 2°        |            |          | MM<br><br>scale<br>1:1 | product family                                            |                           | METRAL 1000 |  |  | code       | 213 |  |
|                          |         |                   |      | dr                                       | S. KLINE       | 2001-07-06 |          |                                                                                                             | size                                                      | dwg no                    | 84688       |  |  | sheet<br>4 |     |  |
|                          |         |                   |      | enrg                                     | W. J. SWAIN    | 2001-07-06 |          |                                                                                                             |                                                           |                           |             |  |  |            |     |  |
|                          |         |                   |      | chr                                      | W. J. SWAIN    | 2001-07-06 |          |                                                                                                             |                                                           |                           |             |  |  |            |     |  |
|                          |         |                   |      | appd                                     | W. J. SWAIN    | 2001-07-06 |          |                                                                                                             |                                                           |                           |             |  |  |            |     |  |
| sheet<br>index           |         | revision<br>sheet |      |                                          |                |            |          |                                                                                                             |                                                           |                           |             |  |  |            |     |  |

cage code 22526

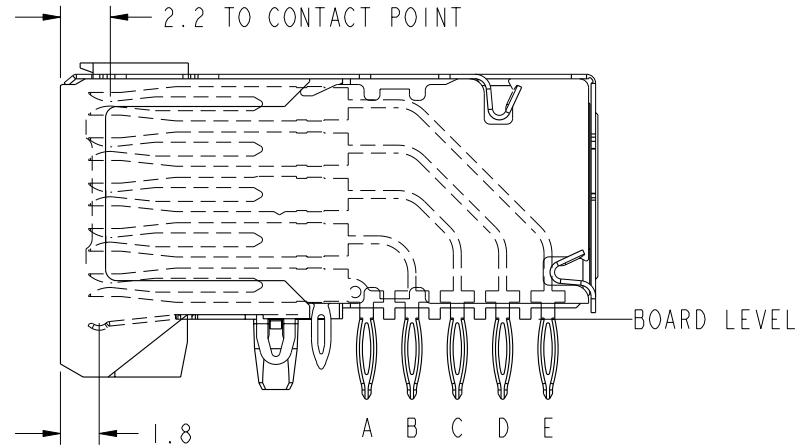


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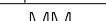


PRODUCT NUMBER  
SEE SHEET 3

| DISTANCE FROM CONTACT<br>POINT TO BOARD |          |
|-----------------------------------------|----------|
| CONTACT                                 | DISTANCE |
| A                                       | 12.5     |
| B                                       | 16.2     |
| C                                       | 19.5     |
| D                                       | 22.3     |
| E                                       | 25.2     |



CONTACT POINT AND SKEW

|                          |                   |    |      |                                          |               |            |                                                                                       |                                                                                                             |                                                                                       |             |       |
|--------------------------|-------------------|----|------|------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|-------|
| mat'l code<br>SEE NOTE 2 |                   |    |      | tolerances unless<br>otherwise specified |               | CUSTOMER   |                                                                                       | <br>www.fciconnect.com |                                                                                       |             |       |
| ltr                      | ecn no.           | dr | date | linear                                   | 0. X ±0.3     |            | COPY                                                                                  |                                                                                                             |  |             |       |
| U                        |                   |    |      |                                          | 0. XX ±0.10   |            | projection                                                                            |                                                                                                             |                                                                                       |             |       |
|                          |                   |    |      |                                          | 0. XXX ±0.050 |            |                                                                                       |                                                                                                             |                                                                                       |             |       |
|                          |                   |    |      | angles                                   | 0° ±2°        |            |                                                                                       |                                                                                                             |                                                                                       |             |       |
|                          |                   |    |      | dr                                       | S. KLINE      | 2001-07-06 |  | product family                                                                                              |                                                                                       | METRAL 1000 | code  |
|                          |                   |    |      | enrg                                     | W. J. SWAIN   | 2001-07-06 |                                                                                       | size                                                                                                        | dwg no                                                                                | 213         | sheet |
|                          |                   |    |      | chr                                      | W. J. SWAIN   | 2001-07-06 | scale<br>3:1                                                                          | A                                                                                                           |                                                                                       | 84688       |       |
|                          |                   |    |      | appd                                     | W. J. SWAIN   | 2001-07-06 |                                                                                       |                                                                                                             |                                                                                       |             |       |
| sheet<br>index           | revision<br>sheet |    |      |                                          |               |            |                                                                                       |                                                                                                             |                                                                                       |             |       |

cage code 22526

Pro/E

PDM: Rev:U

STATUS: Released

Printed: May 13, 2011