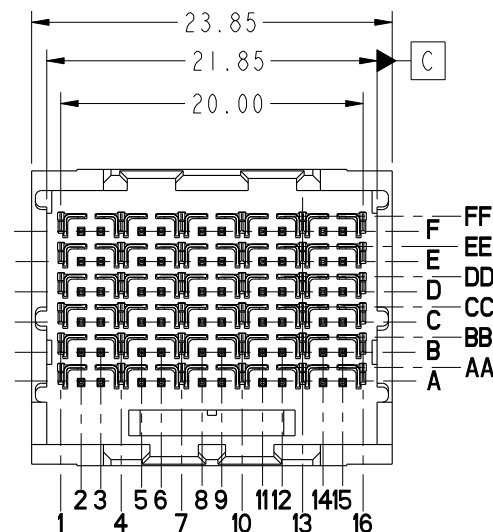
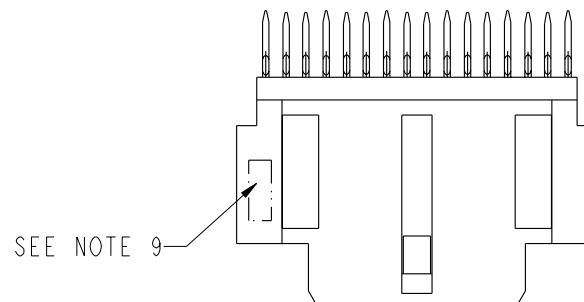
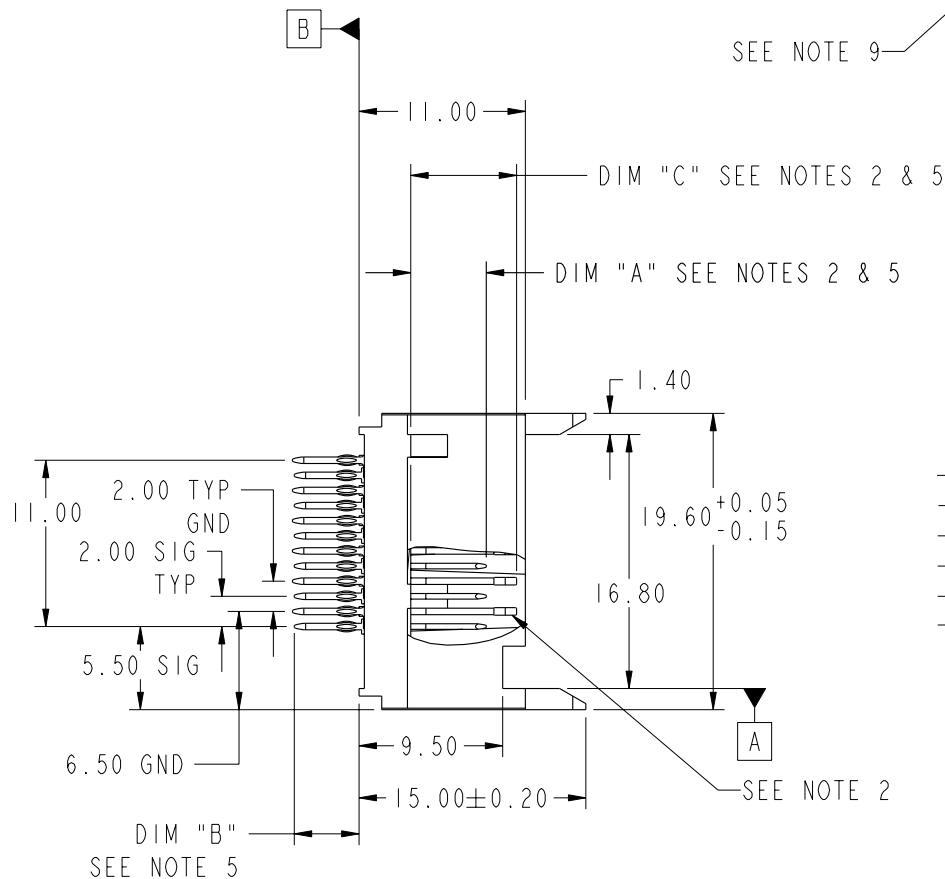
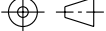


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PRODUCT NUMBER  
SEE SHEET 2



|                          |                   |     |            |                                          |               |            |                                                                                                     |           |                                                                  |                               |             |
|--------------------------|-------------------|-----|------------|------------------------------------------|---------------|------------|-----------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------|-------------------------------|-------------|
| mat'l code<br>SEE NOTE 1 |                   |     |            | tolerances unless<br>otherwise specified |               |            | CUSTOMER                                                                                            |           | FCi<br>www.fciconnect.com                                        |                               |             |
| ltr                      | ecn no.           | dr  | date       | linear<br><br>angles                     | 0.X ± 0.3     |            | projection<br> | COPY      | title<br>VERTICAL SIGNAL HDR. 6 ROW<br>P.F. 30 PAIR SPECIAL LOAD | product family<br>METRAL 3000 | code<br>213 |
| L                        | V06-0498          | DCH | 2006-05-30 |                                          | 0.XX ± 0.10   |            |                                                                                                     |           |                                                                  |                               |             |
| M                        | V08-0124          | HTB | 2008-03-17 |                                          | 0.XXX ± 0.050 |            |                                                                                                     |           |                                                                  |                               |             |
| -                        | -                 | -   | -          |                                          | 0° ± 2°       |            | MM<br>scale<br>2:1                                                                                  | size<br>A | dwg no<br>63372                                                  | sheet<br>1 of 5               |             |
| G                        | V04-0070          | DAI | 2004-01-04 | dr                                       | S. KLINE      | 2000-04-21 |                                                                                                     |           |                                                                  |                               |             |
| H                        | V04-0422          | DAI | 2004-05-06 | enrg                                     | J. ORTEGA     | 2000-04-20 |                                                                                                     |           |                                                                  |                               |             |
| J                        | V04-0661          | TAB | 2004-06-22 | chr                                      | A. RAISTRICK  | 2000-04-21 |                                                                                                     |           |                                                                  |                               |             |
| K                        | V05-0925          | DAI | 2005-10-24 | appd                                     | J. ORTEGA     | 2000-04-21 |                                                                                                     |           |                                                                  |                               |             |
| sheet<br>index           | revision<br>sheet | M   | M          | M                                        | M             | M          |                                                                                                     |           |                                                                  |                               |             |
|                          |                   | 1   | 2          | 3                                        | 4             | 5          |                                                                                                     |           |                                                                  |                               |             |

Pro/E

cage code  
22526

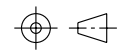
PDM: Rev:M

STATUS: Released

Printed: Dec 01, 2010



| PRODUCT NUMBER<br>SEE NOTE 8 | CONTACT PLATING<br>PERFORMANCE<br>LEVEL | PRESS FIT<br>TAIL PLATING | DIM "A" | DIM "B"<br>SIGNAL | DIM "B"<br>GROUND | DIM "C" |
|------------------------------|-----------------------------------------|---------------------------|---------|-------------------|-------------------|---------|
| 63372-101                    | TELCORDIA CO                            | STANDARD (SnPb)           | 5.00    | 4.30              | 4.30              | 7.00    |
| 63372-101LF                  | TELCORDIA CO                            | LEAD FREE (Sn)            | 5.00    | 4.30              | 4.30              | 7.00    |
| 63372-102                    | TELCORDIA CO                            | STANDARD (SnPb)           | 5.75    | 4.30              | 4.30              | 7.00    |
| 63372-102LF                  | TELCORDIA CO                            | LEAD FREE (Sn)            | 5.75    | 4.30              | 4.30              | 7.00    |
| 63372-103                    | TELCORDIA CO                            | STANDARD (SnPb)           | 6.50    | 4.30              | 4.30              | 7.00    |
| 63372-103LF                  | TELCORDIA CO                            | LEAD FREE (Sn)            | 6.50    | 4.30              | 4.30              | 7.00    |
| 63372-104                    | TELCORDIA CO                            | STANDARD (SnPb)           | 5.00    | 4.30              | 4.30              | 6.25    |
| 63372-104LF                  | TELCORDIA CO                            | LEAD FREE (Sn)            | 5.00    | 4.30              | 4.30              | 6.25    |
| 63372-110                    | TELCORDIA CO                            | STANDARD (SnPb)           | 5.00    | 3.40              | 3.40              | 7.00    |
| 63372-110LF                  | TELCORDIA CO                            | LEAD FREE (Sn)            | 5.00    | 3.40              | 3.40              | 7.00    |
| 63372-111                    | TELCORDIA CO                            | STANDARD (SnPb)           | 5.75    | 3.40              | 3.40              | 7.00    |
| 63372-111LF                  | TELCORDIA CO                            | LEAD FREE (Sn)            | 5.75    | 3.40              | 3.40              | 7.00    |
| 63372-112                    | TELCORDIA CO                            | STANDARD (SnPb)           | 6.50    | 3.40              | 3.40              | 7.00    |
| 63372-112LF                  | TELCORDIA CO                            | LEAD FREE (Sn)            | 6.50    | 3.40              | 3.40              | 7.00    |
| 63372-114                    | TELCORDIA CO                            | STANDARD (SnPb)           | 5.00    | 3.40              | 3.40              | 6.25    |
| 63372-114LF                  | TELCORDIA CO                            | LEAD FREE (Sn)            | 5.00    | 3.40              | 3.40              | 6.25    |

|                          |          |    |      |                                          |                         |                                                                                                          |                                                                                       |                                                                                                                                                  |       |  |
|--------------------------|----------|----|------|------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|
| mat'l code<br>SEE NOTE 1 |          |    |      | tolerances unless<br>otherwise specified |                         | CUSTOMER                                                                                                 |                                                                                       |  <a href="http://www.fciconnect.com">www.fciconnect.com</a> |       |  |
| ltr                      | ecn no.  | dr | date | linear                                   | 0.X ±0.3                | projection                                                                                               |  | title<br>VERTICAL SIGNAL HDR. 6 ROW<br>P.F. 30 PAIR SPECIAL LOAD                                                                                 |       |  |
| M                        |          |    |      |                                          | 0.XX ±0.10              |                                                                                                          |                                                                                       |                                                                                                                                                  |       |  |
|                          |          |    |      |                                          | 0.XXX ±0.050            |                                                                                                          |                                                                                       |                                                                                                                                                  |       |  |
|                          |          |    |      | angles                                   | 0° ±2°                  |                                                                                                          |                                                                                       |                                                                                                                                                  |       |  |
|                          |          |    |      | dr                                       | S. KLINE 2000-04-21     | <br>MM<br>scale 1:1 | product family METRAL 3000                                                            |                                                                                                                                                  | code  |  |
|                          |          |    |      | enrg                                     | J. ORTEGA 2000-04-20    |                                                                                                          | size                                                                                  | dwg no                                                                                                                                           | 213   |  |
|                          |          |    |      | chr                                      | A. RAISTRICK 2000-04-21 |                                                                                                          | A                                                                                     | 63372                                                                                                                                            | sheet |  |
|                          |          |    |      | appd                                     | J. ORTEGA 2000-04-21    |                                                                                                          |                                                                                       |                                                                                                                                                  | 2     |  |
| sheet                    | revision |    |      |                                          |                         |                                                                                                          |                                                                                       |                                                                                                                                                  |       |  |
| index                    | sheet    |    |      |                                          |                         |                                                                                                          |                                                                                       |                                                                                                                                                  |       |  |

cage code 22526

Pro/E

PDM: Rev:M

STATUS: Released

Printed: Dec 01, 2010

1.35 TYP → | ←

1.30 TYP → | ←

PRODUCT NUMBER  
SEE SHEET 2

SUGGESTED GROUND  
CLEARANCE PATTERN

Ø1.057  
PAD SIZE

Ø0.70 TYP  
DRILLED HOLE  
FINISHED HOLE  
Ø0.60±0.05

0.127 0.127 0.127

OPTION A (EDGE COUPLED)  
METRAL - HB DIFFERENTIAL  
PCB TRACE LAYOUT

- 0.127 mm [0.005 in] TRACES MAX  
WITH 0.127 mm [0.005 in] GAPS
- 4 TRACES (2 PAIRS) PER LAYER

Ø1.057  
Ø0.70 TYP  
DRILLED HOLE  
FINISHED HOLE  
Ø0.60±0.05

LAYER II  
TRACES

LAYER I  
TRACES

0.16 0.16 0.305

OPTION B (BROADSIDE COUPLED)  
METRAL - HB DIFFERENTIAL  
PCB TRACE LAYOUT

- UP TO 0.305 mm [0.012 in]  
TRACES MAX WITH 0.16 mm  
[0.006 in] GAPS
- 2 TRACES PER LAYER

| mat'l code |         |          |       | tolerances unless<br>otherwise specified |                         | CUSTOMER   |     | FCI                                                              |        |             |       |
|------------|---------|----------|-------|------------------------------------------|-------------------------|------------|-----|------------------------------------------------------------------|--------|-------------|-------|
| SEE NOTE 1 |         |          |       |                                          |                         | COPY       |     | www.fciconnect.com                                               |        |             |       |
| ltr        | ecn no. | dr       | date  | linear                                   | 0.X ±0.3                | projection |     | title<br>VERTICAL SIGNAL HDR. 6 ROW<br>P.F. 30 PAIR SPECIAL LOAD |        |             |       |
| M          |         |          |       |                                          | 0.XX ±0.10              |            |     |                                                                  |        |             |       |
|            |         |          |       |                                          | 0.XXX ±0.050            |            |     |                                                                  |        |             |       |
|            |         |          |       | angles                                   | 0° ±2°                  | MM         |     | product family                                                   |        | METRAL 3000 | code  |
|            |         |          |       | dr                                       | S. KLINE 2000-04-21     |            |     | size                                                             | dwg no | 63372       | 213   |
|            |         |          |       | enrg                                     | J. ORTEGA 2000-04-20    |            |     |                                                                  |        |             |       |
|            |         |          |       | chr                                      | A. RAISTRICK 2000-04-21 | scale      | 2:1 | A                                                                |        |             | sheet |
|            |         |          |       | appd                                     | J. ORTEGA 2000-04-21    |            |     |                                                                  |        |             |       |
| sheet      | index   | revision | sheet |                                          |                         |            |     |                                                                  |        |             |       |

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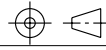
PRODUCT NUMBER  
SEE SHEET 2

NOTES:

- ①. BODY MATERIAL: LIQUID CRYSTAL POLYMER 30% GF  
FLAME RETARDANT PER UL 94-V0.  
PIN MATERIAL: COPPER ALLOY
- ②. DIM "C" REFERENCES GROUND PIN AND DIM "A" REFERENCES SIGNAL PIN
3. PRODUCT MARKING: PART NUMBER AND BATCH ID.
- ④. REFERENCE METRAL 3000 APPLICATION SPEC GS-20-012  
FOR APPLICATION AND REPAIR REQUIREMENTS
- ⑤. DIMENSIONS AFTER INSERTION INTO CIRCUIT BOARD WITH  
FCI APPROVED TOOLING.
6. REFERENCE METRAL 3000 PRODUCT SPEC GS-12-138
7. PRODUCTS WHERE THE PART NUMBER ENDS IN "LF"  
MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY  
REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260° C FOR 60 SECONDS  
IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

- ⑧. FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX.  
EXAMPLE: 63372-1YYLF.
- ⑨. COMPANY LOGO TO BE LOCATED IN THIS AREA.

|                          |          |    |      |                                          |              |            |          |                                                                                                          |                                                                                                     |                                                                  |       |
|--------------------------|----------|----|------|------------------------------------------|--------------|------------|----------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------|
| mat'l code<br>SEE NOTE 1 |          |    |      | tolerances unless<br>otherwise specified |              | CUSTOMER   |          |  www.fciconnect.com |                                                                                                     |                                                                  |       |
| ltr                      | ecn no.  | dr | date | linear                                   | 0.X ±0.3     |            | COPY     |                                                                                                          | projection<br> | title<br>VERTICAL SIGNAL HDR. 6 ROW<br>P.F. 30 PAIR SPECIAL LOAD |       |
| M                        |          |    |      |                                          | 0.XX ±0.10   |            |          |                                                                                                          |                                                                                                     |                                                                  |       |
|                          |          |    |      |                                          | 0.XXX ±0.050 |            |          |                                                                                                          |                                                                                                     |                                                                  |       |
|                          |          |    |      | angles                                   | 0° ±2°       |            |          |                                                                                                          |                                                                                                     |                                                                  |       |
|                          |          |    |      | dr                                       | S. KLINE     | 2000-04-21 | MM<br>←→ |                                                                                                          | product family METRAL                                                                               |                                                                  | code  |
|                          |          |    |      | enrg                                     | J. ORTEGA    | 2000-04-20 |          |                                                                                                          | size                                                                                                | dwg no                                                           | 213   |
|                          |          |    |      | chr                                      | A. RAISTRICK | 2000-04-21 |          |                                                                                                          | scale                                                                                               | 63372                                                            | sheet |
|                          |          |    |      | appd                                     | J. ORTEGA    | 2000-04-21 | 1:1      |                                                                                                          | A                                                                                                   | 5                                                                |       |
| sheet                    | revision |    |      |                                          |              |            |          |                                                                                                          |                                                                                                     |                                                                  |       |
| index                    | sheet    |    |      |                                          |              |            |          |                                                                                                          |                                                                                                     |                                                                  |       |

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