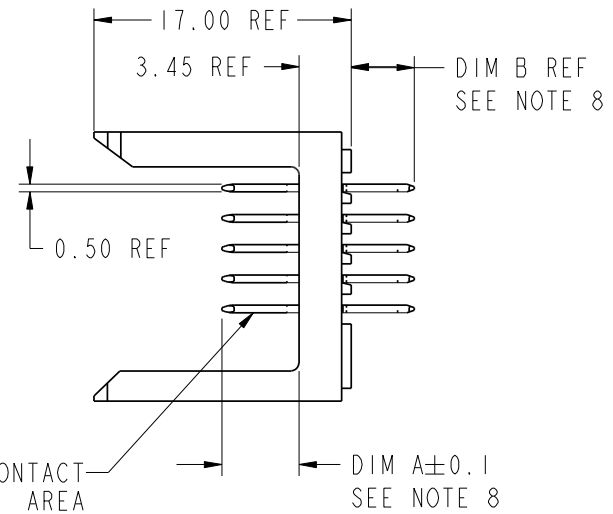
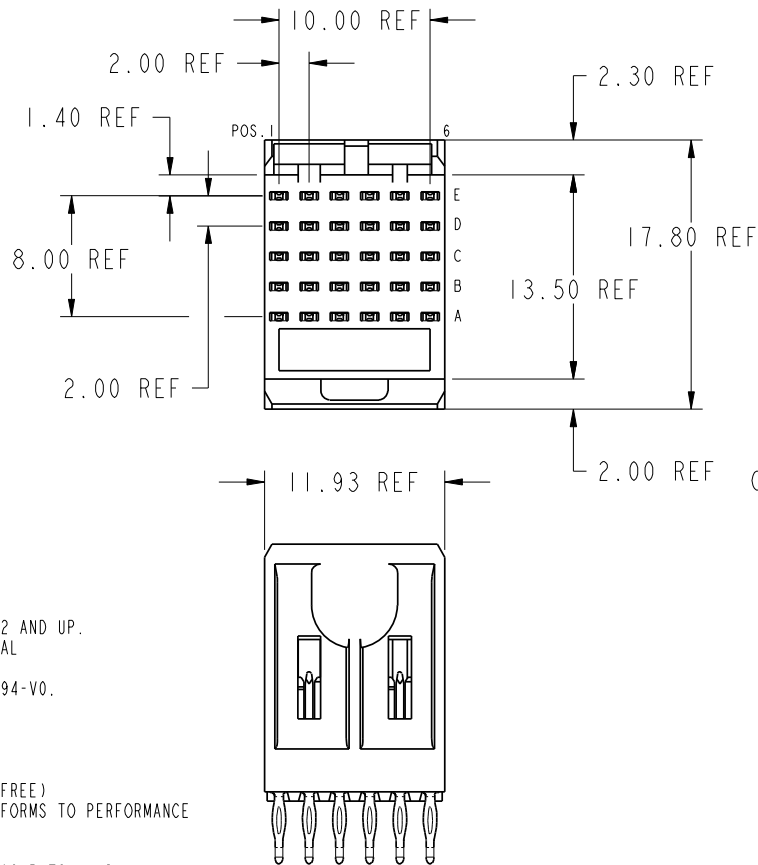




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| |
|----------------|
| PRODUCT NUMBER |
| 88902-XXX |
| 88902-XXYLF |



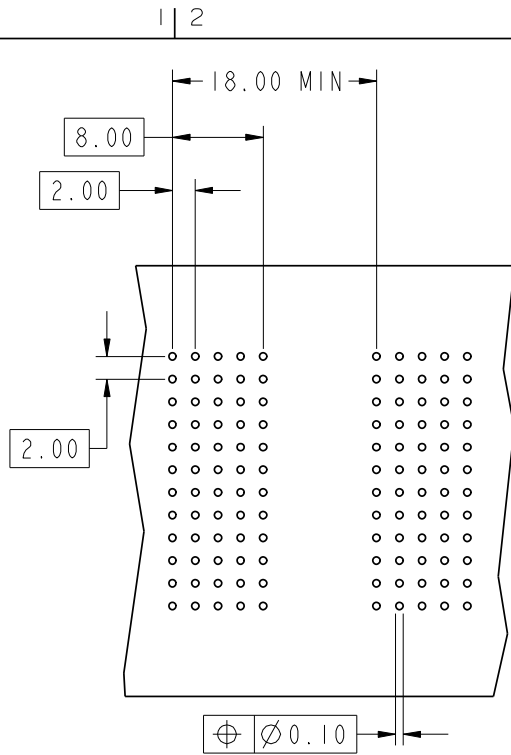
NOTES:

1. FOR DIM A, AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL: PHOSPHOR BRONZE
4. PLATING ON PRESS-FIT TAIL: 88902-XXX IS SnPb 88902-XXYLF IS Sn (LEAD FREE) PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE BELOW.
5. PRODUCT MARKING: PART NUMBER DESIGNATION J & BATCH I.D.
6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXP OR XXXXX-XXPLF
7. PRODUCT SPECIFICATION: GS-12-180 APPLICATION SPECIFICATION: BUS-20-073
- 8 AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- 9 -Ayy PLATING HAS Au FLASH IN PRESS-FIT AREA (LEAD FREE)
- 10 THE PRODUCTS WHERE THE PART NUMBER ENDS IN 'LF' MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 11 FOR LEAD FREE PART NUMBERS, ADD AN 'LF' SUFFIX. EXAMPLE: 88902-X01LF.
12. 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 (DRAWING NO.)-N5--- WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACES OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM OF 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

| PLATING IN CONTACT AREA | | |
|-------------------------|-----------------------------------|-------------|
| DASH NUMBER | PERFORMANCE LEVEL | NOTES |
| -PYY | 0.25 um GOLD MIN. | SEE NOTE 9 |
| -NIYY | TELCORDIA CO (NXT) | - |
| -N5YY | TELCORDIA UE (NXT) | - |
| -1YY | TELCORDIA CO | - |
| -2YY | TELECOM CLASS | - |
| -3YY | IEC CLASS I | - |
| -5YY | TELCORDIA UE | - |
| -NIYYLF | TELCORDIA CO (NXT) IEC CLASS I | SEE NOTE 10 |
| -N5YYLF | TELCORDIA UE (NXT) | SEE NOTE 10 |
| -1YYLF | TELCORDIA CO IEC CLASS I | SEE NOTE 10 |
| -2YYLF | TELECOM CLASS | SEE NOTE 10 |
| -5YYLF | TELCORDIA UE | SEE NOTE 10 |

| mat'l code | | | | SEE NOTES | | | | tolerances unless otherwise specified | | | |
|-------------|----------------|-----|------------|-----------|---------------------|------------|----------|---------------------------------------|-------|----------------|--------|
| lir | ecn no. | dr | date | linear | 0.X ± 0.3 | projection | CUSTOMER | MM | scale | product family | code |
| X | DG09-0256 | TER | 2009-08-19 | | 0.XX ± 0.13 | | COPY | | | METRAL | 213 |
| Y | DG09-0306 | TER | 2009-09-14 | | .XXX ± 0.051 | | | | | | sheet |
| AA | DG09-0366 | TER | 2009-11-24 | angles | 0° ± 2° | | | | | | 1 of 4 |
| AB | DG10-0165 | TER | 2010-05-05 | dr | T.BRUNGARD 11/19/99 | | | | | | |
| AC | DG10-0243 | TER | 2010-06-28 | enrg | M.STRAWSER 11/19/99 | | | | | | |
| - | - | - | - | chr | M.STRAWSER 11/19/99 | | | | | | |
| W | DG09-0169 | TER | 2009-05-25 | oppd | M.STRAWSER 02/29/00 | | | | | | |
| sheet index | revision sheet | AC | AC | AC | AC | | | | | | |
| | | 1 | 2 | 3 | 4 | | | | | | |

| | |
|--------------------|--|
| www.fciconnect.com | |
| title | METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT |
| product family | METRAL |
| size | 88902 |
| dwg no | |



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

| KEY (SIGNAL PRESS-FIT) | | |
|------------------------|-----------------|-----------------|
| CODE | DIMENSIONS | |
| | DIM "A" MATE | DIM "B" TAIL |
| 1 | 5.00 | 4.30 |
| 2 | 5.75 | 4.30 |
| 3 | 6.50 | 4.30 |
| 4 | 7.25 | 4.30 |
| 5 | 5.00 | 13.60 |
| 6 | 5.75 | 13.60 |
| 7 | 6.50 | 13.60 |
| 8 | 7.25 | 13.60 |
| 19 | 8.00 | 4.30 |
| 20 | 8.00 | 13.60 |
| 39 | 8.00 | 14.10 |
| 54 | 5.00 | 11.55 |
| 55 | 5.75 | 11.55 |
| 57 | 7.25 | 11.55 |

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|-------------|----------------|----|------|---------------------------------------|----------------------|--------------|--|--------------------|---|
| mol'l code | | | | tolerances unless otherwise specified | | CUSTOMER | | www.fciconnect.com | |
| lfr | ecn no. | dr | date | linear | 0.X ±0.3 | COPY | | | title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT |
| AC | | | | | 0.XX ±0.13 | projection | | | |
| | | | | | .XXX ±.051 | | | | |
| | | | | angles | 0° ±2° | | | product family | METRAL |
| | | | | dr | T. BRUNGARD 11/19/99 | MM | | size | 213 |
| | | | | enr | M. STRAWSER 11/19/99 | | | dwg no | 88902 |
| | | | | chr | M. STRAWSER 11/19/99 | scale 3:2 | | A | sheet |
| | | | | appd | M. STRAWSER 02/29/00 | | | | ? |
| sheet index | revision sheet | | | | | | | | |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X01 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 2 | 19 | 19 |
| | D | 2 | 2 | 2 | 2 | 19 | 19 |
| | C | 2 | 1 | 2 | 3 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 19 | 19 |
| | A | 2 | 2 | 2 | 2 | 19 | 19 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X06 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 4 | 2 | 2 |
| | D | 2 | 2 | 2 | 4 | 2 | 2 |
| | C | 2 | 2 | 2 | 4 | 2 | 2 |
| | B | 2 | 2 | 2 | 4 | 2 | 2 |
| | A | 2 | 2 | 2 | 4 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X11 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 1 | 2 | 1 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 2 | 2 | 1 | 2 | 1 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 2 | 2 | 2 | 1 | 2 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X16 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 2 | 3 | 2 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 3 | 2 | 4 | 2 | 2 | 4 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 2 | 4 | 2 | 2 | 2 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|----|---|----|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X21 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 2 | 2 | 2 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 2 | 2 | 2 | 2 | 2 |
| | B | 2 | 19 | 2 | 19 | 2 | 2 |
| | A | 2 | 19 | 2 | 19 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X02 SEE NOTE 11 FOR LEAD FREE | E | 6 | 6 | 6 | 6 | 20 | 20 |
| | D | 6 | 6 | 6 | 6 | 20 | 20 |
| | C | 6 | 5 | 6 | 7 | 6 | 6 |
| | B | 6 | 6 | 6 | 6 | 20 | 20 |
| | A | 6 | 6 | 6 | 6 | 20 | 20 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X07 SEE NOTE 11 FOR LEAD FREE | E | 57 | 55 | 55 | 55 | 55 | 55 |
| | D | 57 | 55 | 55 | 55 | 55 | 55 |
| | C | 57 | 55 | 55 | 55 | 55 | 55 |
| | B | 57 | 55 | 55 | 55 | 55 | 55 |
| | A | 57 | 55 | 55 | 55 | 54 | 57 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X12 SEE NOTE 11 FOR LEAD FREE | E | 6 | 6 | 6 | 5 | 6 | 5 |
| | D | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 6 | 6 | 6 | 5 | 6 | 5 |
| | B | 6 | 6 | 6 | 6 | 6 | 6 |
| | A | 6 | 6 | 6 | 5 | 6 | 5 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X17 SEE NOTE 11 FOR LEAD FREE | E | 4 | - | 2 | - | 2 | - |
| | D | - | 2 | - | 2 | - | 2 |
| | C | 2 | - | 4 | - | 4 | - |
| | B | - | 2 | - | 1 | - | 2 |
| | A | 2 | - | 1 | - | 2 | - |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X22 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 2 | 2 | 2 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 4 | 2 | 2 | 2 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 19 | 19 |
| | A | 1 | 2 | 2 | 2 | 19 | 19 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X03 SEE NOTE 11 FOR LEAD FREE | E | 5 | 3 | 3 | 3 | 3 | 3 |
| | D | 5 | 3 | 3 | 3 | 3 | 3 |
| | C | 5 | 3 | 3 | 3 | 3 | 3 |
| | B | 5 | 3 | 3 | 3 | 3 | 3 |
| | A | 5 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X08 SEE NOTE 11 FOR LEAD FREE | E | 3 | 2 | 2 | 2 | 2 | 2 |
| | D | 3 | 2 | 2 | 2 | 2 | 2 |
| | C | 3 | 2 | 2 | 2 | 2 | 2 |
| | B | 3 | 2 | 2 | 2 | 2 | 2 |
| | A | 3 | 1 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X13 SEE NOTE 11 FOR LEAD FREE | E | 2 | - | 2 | - | 2 | - |
| | D | - | 2 | - | 2 | - | 2 |
| | C | 2 | - | 2 | - | 2 | - |
| | B | - | 2 | - | 2 | - | 2 |
| | A | 2 | - | 2 | - | 2 | - |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X18 SEE NOTE 11 FOR LEAD FREE | E | 2 | - | 2 | - | 2 | - |
| | D | - | 2 | - | 2 | - | 2 |
| | C | 2 | - | 4 | - | 4 | - |
| | B | - | 2 | - | 2 | - | 2 |
| | A | 2 | - | 2 | - | 2 | - |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X23 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 2 | 2 | 2 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 19 | 2 | 2 | 2 | 2 | 2 |
| | B | 1 | 2 | 2 | 2 | 2 | 2 |
| | A | 19 | 2 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X04 SEE NOTE 11 FOR LEAD FREE | E | 7 | 6 | 6 | 6 | 6 | 6 |
| | D | 7 | 6 | 6 | 6 | 6 | 6 |
| | C | 7 | 6 | 6 | 6 | 6 | 6 |
| | B | 7 | 6 | 6 | 6 | 6 | 6 |
| | A | 7 | 6 | 6 | 6 | 6 | 6 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X09 SEE NOTE 11 FOR LEAD FREE | E | 39 | 39 | 39 | 39 | 39 | 39 |
| | D | 39 | 39 | 39 | 39 | 39 | 39 |
| | C | 39 | 39 | 39 | 39 | 39 | 39 |
| | B | 39 | 39 | 39 | 39 | 39 | 39 |
| | A | 39 | 39 | 39 | 39 | 39 | 39 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X14 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 2 | 2 | 2 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 19 | 2 | 2 | 2 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 2 | 2 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X19 SEE NOTE 11 FOR LEAD FREE | E | 6 | 6 | 6 | 6 | 6 | 6 |
| | D | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 8 | 6 | 6 | 6 | 6 | 6 |
| | B | 6 | 6 | 6 | 6 | 20 | 20 |
| | A | 5 | 6 | 6 | 6 | 20 | 20 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|----|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X24 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 2 | 2 | 2 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 2 | 2 | 2 | 2 | 4 |
| | B | 19 | 19 | 2 | 2 | 2 | 2 |
| | A | 19 | 19 | 2 | 2 | 2 | 2 |


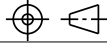


| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X05 SEE NOTE 11 FOR LEAD FREE | E | 3 | 3 | 2 | 4 | 4 | 19 |
| | D | 3 | 3 | 2 | 4 | 4 | 19 |
| | C | 3 | 3 | 2 | 4 | 4 | 19 |
| | B | 3 | 3 | 2 | 4 | 4 | 19 |
| | A | 3 | 3 | 2 | 4 | 4 | 19 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X10 SEE NOTE 11 FOR LEAD FREE | E | 4 | 2 | 2 | 2 | 2 | 2 |
| | D | 4 | 2 | 2 | 2 | 2 | 2 |
| | C | 4 | 2 | 2 | 2 | 1 | 4 |
| | B | 4 | 2 | 2 | 2 | 2 | 2 |
| | A | 4 | 2 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X15 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 2 | 2 | 2 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 3 | 2 | 4 | 2 | 2 | 4 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 2 | 4 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|----|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X20 SEE NOTE 11 FOR LEAD FREE | E | 6 | 6 | 6 | 6 | 6 | 6 |
| | D | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 6 | 6 | 6 | 6 | 6 | 8 |
| | B | 20 | 20 | 6 | 6 | 6 | 6 |
| | A | 20 | 20 | 6 | 6 | 6 | 6 |

| METRAL P/N | ROW | CONTACT CODE MOD. I | | | | | |
|--|-----|---------------------|---|---|---|---|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X25 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 2 | 2 | 19 |
| | D | 2 | 2 | 2 | 2 | 2 | 19 |
| | C | 2 | 2 | 2 | 2 | 2 | 19 |
| | B | 2 | 2 | 2 | 2 | 2 | 19 |
| | A | 2 | 2 | 2 | 2 | 2 | 19 |

| | | | | | | | | | |
|-------------|----------------|----|------|---------------------------------------|---------------------|---|--|---|--|
| mol'l code | | -- | | tolerances unless otherwise specified | | CUSTOMER | |  www.fciconnect.com | |
| lir | ecn no. | dr | date | linear | 0.X ±0.3 | COPY | | title | |
| AC | | | | | 0.XX ±0.13 | projection | | METRAL SIGNAL HEADER | |
| | | | | angles | .XXX ±.051 |  | | 1 MOD, 5 ROW PRESS-FIT | |
| | | | | dr | 0° ±2° |  | | product family | |
| | | | | enrg | T.BRUNGARD 11/19/99 | MM | | METRAL | |
| | | | | chr | M.STRAWSER 11/19/99 |  | | code | |
| | | | | appd | M.STRAWSER 02/29/00 | scale | | 213 | |
| sheet index | revision sheet | | | | | A | | 88902 | |
| | | | | | | | | sheet 3 | |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | |
|---|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X26 SEE NOTE 11 FOR LEAD FREE | E | 1 | 2 | 2 | 2 | 2 | 1 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 2 | 2 | 2 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 1 | 2 | 2 | 2 | 2 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | |
|---|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X27 SEE NOTE 11 FOR LEAD FREE | E | 5 | 5 | 5 | 1 | 1 | 1 |
| | D | 5 | 5 | 5 | 1 | 1 | 1 |
| | C | 5 | 5 | 5 | 1 | 1 | 1 |
| | B | 5 | 5 | 5 | 1 | 1 | 1 |
| | A | 5 | 5 | 5 | 1 | 1 | 1 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | |
|---|-----|---------------------|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X28 SEE NOTE 11 FOR LEAD FREE | E | 19 | 2 | 19 | 2 | 2 | 1 |
| | D | 2 | 19 | 2 | 19 | 19 | 2 |
| | C | 19 | 2 | 19 | 2 | 2 | 19 |
| | B | 2 | 19 | 2 | 19 | 19 | 2 |
| | A | 19 | 2 | 19 | 2 | 2 | 19 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | |
|---|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X29 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 2 | 2 | 2 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 2 | 2 | 2 | 2 | 2 |
| | B | 2 | 2 | 1 | 2 | 2 | 2 |
| | A | 2 | 2 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | |
|---|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X30 SEE NOTE 11 FOR LEAD FREE | E | 2 | 2 | 2 | 1 | 2 | 4 |
| | D | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 2 | 2 | 2 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 2 | 2 | 2 | 2 | 2 | 2 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | |
|---|-----|---------------------|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 88902-X31 SEE NOTE 11 FOR LEAD FREE | E | 4 | 2 | 3 | 3 | 2 | 4 |
| | D | 4 | 2 | 3 | 3 | 2 | 4 |
| | C | 4 | 2 | 3 | 3 | 2 | 4 |
| | B | 4 | 2 | 3 | 3 | 2 | 4 |
| | A | 4 | 2 | 3 | 3 | 2 | 4 |



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| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER | | www.fciconnect.com | | | |
| lir | ecm no. | dr | date | linear | 0.X ±0.3 | COPY | | projection | title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT | | |
| AC | | | | | 0.XX ±0.13 | MM | | | | product family METRAL | code 213 |
| | | | | | .XXX ±.051 | 1:1 | | | | | |
| | | | | angles | 0° ±2° | scale | | 88902 | 4 | | |
| | | | | dr | T. BRUNGARD 11/19/99 | | | | | | |
| | | | | enr | M. STRAWSER 11/19/99 | | | | | | |
| | | | | chr | M. STRAWSER 11/19/99 | | | | | | |
| | | | | appd | M. STRAWSER 02/29/00 | | | | | | |
| sheet index | revision sheet | | | | | | | | | | |