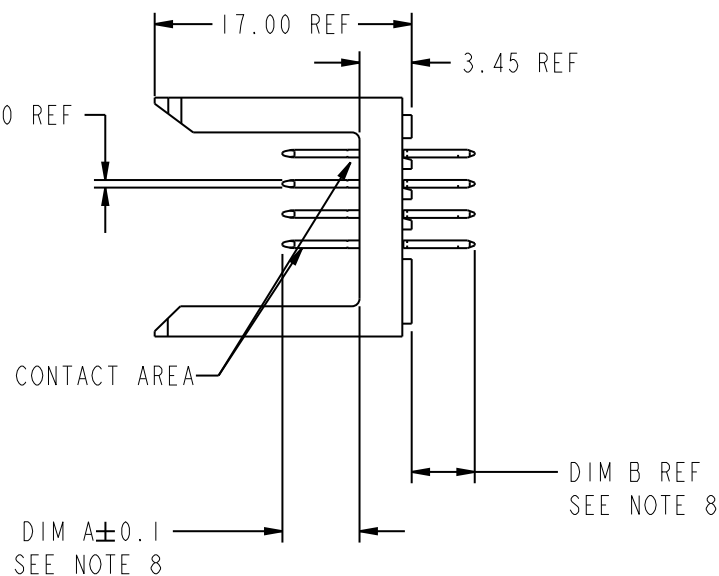
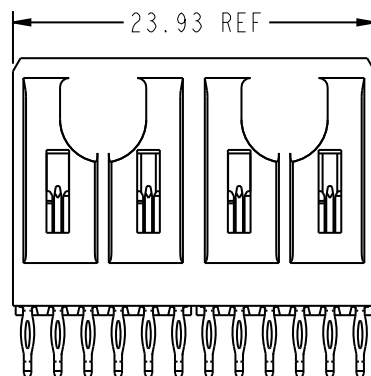
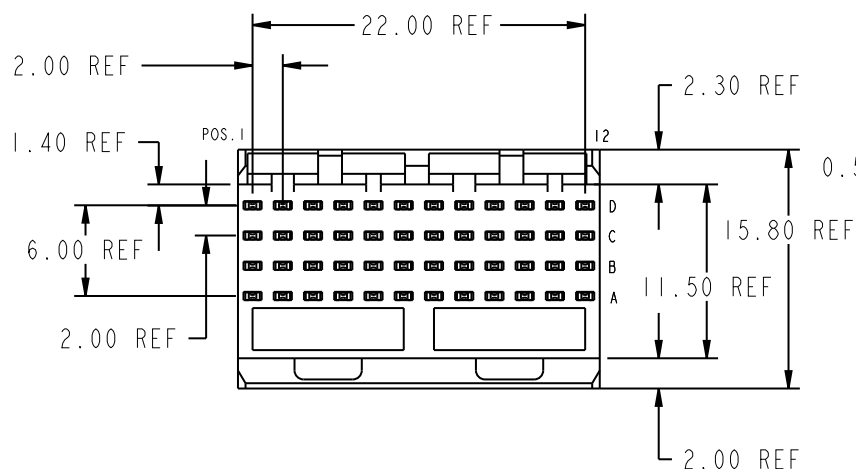
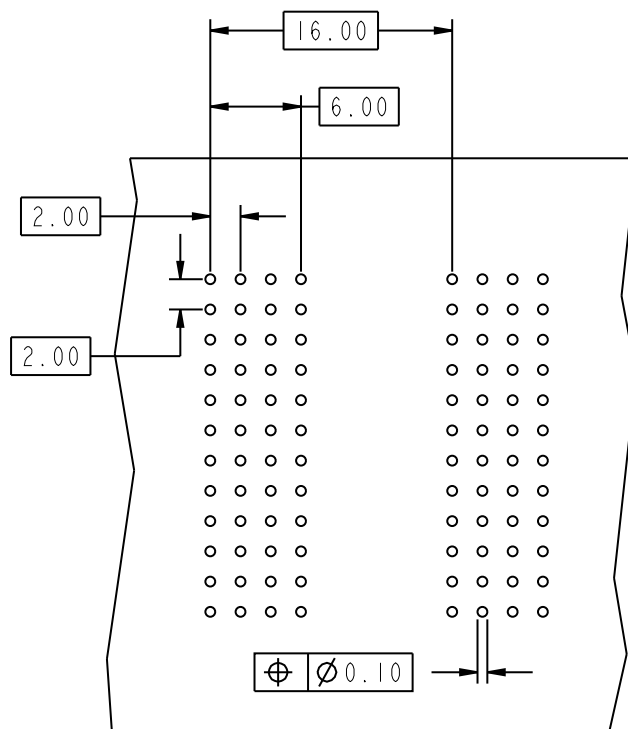




PRODUCT NUMBER  
SEE TABLE

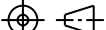
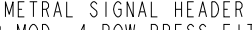


|             |           |                |            |        |                     |    |    |                                          |                              |    |                                   |                                                         |        |                                              |      |  |  |
|-------------|-----------|----------------|------------|--------|---------------------|----|----|------------------------------------------|------------------------------|----|-----------------------------------|---------------------------------------------------------|--------|----------------------------------------------|------|--|--|
| mat'l code  |           |                |            | - -    |                     |    |    | tolerances unless<br>otherwise specified |                              |    |                                   | CUSTOMER                                                |        | <div>FCI</div> <div>www.fciconnect.com</div> |      |  |  |
| ltr         | ecn no.   | dr             | date       | linear | 0.X ±0.3            |    |    |                                          | COPY                         |    | <div>projection</div> <div></div> | title<br>METRAL SIGNAL HEADER<br>2 MOD, 4 ROW PRESS-FIT |        |                                              |      |  |  |
| AU          | V06-0569  | DCH            | 2006-06-13 |        | 0.XX ±0.13          |    |    |                                          | 0                            |    |                                   |                                                         |        |                                              |      |  |  |
| AV          | DG09-0256 | TER            | 2009-08-19 |        | .XXX ±.051          |    |    |                                          | 1                            |    |                                   |                                                         |        |                                              |      |  |  |
| -           | -         | -              | -          | angles | 0° ±2°              |    |    |                                          | 2                            |    |                                   |                                                         |        |                                              |      |  |  |
| AP          | V04-0913  | HTB            | 09/09/04   | dr     | T.BRUNGARD 11/19/99 |    |    |                                          | <div>MM</div> <div>← →</div> |    | product family                    |                                                         | METRAL |                                              | code |  |  |
| AR          | V04-0990  | DAI            | 09/30/04   | enrg   | M.STRAWSER 11/19/99 |    |    |                                          |                              |    | size                              | dwg no                                                  |        | 213                                          |      |  |  |
| AS          | V05-0053  | TAB            | 02/17/05   | chr    | M.STRAWSER 11/19/99 |    |    |                                          |                              |    | 88922                             |                                                         | sheet  |                                              |      |  |  |
| AT          | V05-0368  | DPU            | 06/01/05   | appd   | M.STRAWSER 02/29/00 |    |    |                                          | 2:1                          |    | A                                 |                                                         |        | 1 of 7                                       |      |  |  |
| sheet index |           | revision sheet |            | AV     | AV                  | AV | AV | AV                                       | AV                           | AV |                                   |                                                         |        |                                              |      |  |  |
|             |           |                |            | 1      | 2                   | 3  | 4  | 5                                        | 6                            | 7  |                                   |                                                         |        |                                              |      |  |  |



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

| KEY  |                 |                 |
|------|-----------------|-----------------|
| CODE | DIMENSIONS      |                 |
|      | DIM "A"<br>MATE | DIM "B"<br>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           |
| 11   | 6.50            | 17.00           |
| 17   | 7.00            | 13.60           |
| 19   | 8.00            | 4.30            |
| 20   | 8.00            | 13.60           |
| 21   | 8.00            | 17.00           |
| 25   | 5.75            | 15.60           |
| 52   | 8.00            | 14.90           |
| 64   | 5.75            | 14.90           |
| 69   | 7.25            | 14.90           |

|             |         |                |      |                                          |                  |          |                                                                                                       |                                                                                       |                                                                                       |                    |        |      |         |
|-------------|---------|----------------|------|------------------------------------------|------------------|----------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------|--------|------|---------|
| mat'l code  |         |                |      | tolerances unless<br>otherwise specified |                  | CUSTOMER |                                                                                                       |  |                                                                                       | www.fciconnect.com |        |      |         |
| lfr         | ecn no. | dr             | date | linear                                   | 0.X $\pm 0.3$    |          | COPY                                                                                                  |                                                                                       |  |                    |        |      |         |
| AV          |         |                |      |                                          | 0.XX $\pm 0.13$  |          |                  |                                                                                       |                                                                                       |                    |        |      |         |
|             |         |                |      |                                          | .XXX $\pm .051$  |          |                                                                                                       |                                                                                       |                                                                                       |                    |        |      |         |
|             |         |                |      | angles                                   | 0° $\pm 2^\circ$ |          | <br>scale<br>2:1 |                                                                                       | product family                                                                        |                    | METRAL | code |         |
|             |         |                |      | dr                                       | T.BRUNGARD       | 11/19/99 |                                                                                                       |                                                                                       | size                                                                                  | dwg no             | 88922  | 213  |         |
|             |         |                |      | enrg                                     | M.STRAWSE        | 11/19/99 |                                                                                                       |                                                                                       |                                                                                       |                    |        |      |         |
|             |         |                |      | chr                                      | M.STRAWSE        | 11/19/99 |                                                                                                       |                                                                                       |                                                                                       |                    |        |      |         |
|             |         |                |      | appd                                     | M.STRAWSE        | 02/29/00 |                                                                                                       |                                                                                       |                                                                                       |                    |        |      |         |
| sheet index |         | revision sheet |      |                                          |                  |          |                                                                                                       |                                                                                       |                                                                                       |                    |        |      | sheet 2 |



| PRODUCT NUMBER | DESCRIPTION | PLATING IN PRESS FIT<br>TAIL AREA | PERFORMANCE LEVEL OF PLATING<br>IN CONTACT AREA     |
|----------------|-------------|-----------------------------------|-----------------------------------------------------|
| 88922-NIYY     | STANDARD    | TIN LEAD                          | TELCORDIA CO (NXT)                                  |
| 88922-N5YY     | STANDARD    | TIN LEAD                          | TELCORDIA UE (NXT)                                  |
| 88922-IYY      | STANDARD    | TIN LEAD                          | TELCORDIA CO                                        |
| 88922-2YY      | STANDARD    | TIN LEAD                          | TELECOM CLASS                                       |
| 88922-3YY      | STANDARD    | TIN LEAD                          | IEC CLASS I                                         |
| 88922-5YY      | STANDARD    | TIN LEAD                          | TELCORDIA UE                                        |
| 88922-NIYYLF   | LEAD FREE   | TIN                               | TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10 |
| 88922-N5YYLF   | LEAD FREE   | TIN                               | TELCORDIA UE (NXT) SEE NOTES 9 AND 10               |
| 88922-IYYLF    | LEAD FREE   | TIN                               | TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10       |
| 88922-2YYLF    | LEAD FREE   | TIN                               | TELECOM CLASS, SEE NOTES 9 AND 10                   |
| 88922-5YYLF    | LEAD FREE   | TIN                               | TELCORDIA UE, SEE NOTES 9 AND 10                    |

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL  
POLYMER 30 % GLASS.  
FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:  
PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL AREA: SEE PRODUCT NUMBER TABLE. PLATING ON  
CONTACT AREA CONFORMS TO PERFORMANCE LEVEL  
SHOWN IN TABLE ON SHEET 3.
- PRODUCT MARKING:  
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN  
SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.  
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P"  
WILL BE ADDED TO THE END OF THE PART NUMBER.  
EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION: GS-12-180  
APPLICATION SPECIFICATION: BUS-20-073
- AFTER INSERTION INTO BOARD WITH QUALIFIED TOOLING.
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE  
EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-12-008.
- ALL THE PRODUCTS EXCEPT THOSE WITH PART NUMBERS  
CONTAINING 88922-NI---OR 88922-N5---WILL WITHSTAND  
EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A  
CONVECTION, INFRA-RED OR VAPOR PHASE  
REFLOW OVEN. PART NUMBERS 88922-NI---AND 88922-N5---  
WILL NOT WITHSTAND REFLOW AND THE  $A_u$  CONTACT SURFACE OF  
THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES  
C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER  
APPLICATION.

|             |         |                |      |                                          |                     |            |  |                            |  |
|-------------|---------|----------------|------|------------------------------------------|---------------------|------------|--|----------------------------|--|
| mat'l code  |         | SEE NOTES      |      | tolerances unless<br>otherwise specified |                     | CUSTOMER   |  | FCI<br>www.fciconnect.com  |  |
| lfr         | ecn no. | dr             | date | linear                                   | 0.X $\pm$ 0.3       | COPY       |  | title                      |  |
| AV          |         |                |      |                                          | 0.XX $\pm$ 0.13     | projection |  | METRAL SIGNAL HEADER       |  |
|             |         |                |      | angles                                   | .XXX $\pm$ .051     |            |  | 2 MOD, 4 ROW PRESS-FIT     |  |
|             |         |                |      | dr                                       | T.BRUNGARD 11/19/99 | MM         |  | product family METRAL code |  |
|             |         |                |      | engr                                     | x. xxxxxx mm/dd/yy  |            |  | size                       |  |
|             |         |                |      | chr                                      | M.STRAWSER 11/19/99 | scale      |  | dwg no 88922               |  |
|             |         |                |      | appd                                     | M.STRAWSER 02/29/00 | 11:1       |  | sheet 213                  |  |
| sheet index |         | revision sheet |      |                                          |                     |            |  | 3                          |  |



| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X01<br>AND<br>88922-X01LF | D   | -                      | 2 | - | 2 | - | 2      | - | 2 | - | 2  |
|                                 | C   | -                      | 2 | - | 2 | - | 2      | - | 2 | - | 2  |
|                                 | B   | -                      | 2 | - | 2 | - | 2      | - | 2 | - | 2  |
|                                 | A   | -                      | 2 | - | 2 | - | 2      | - | 2 | - | 2  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X02<br>AND<br>88922-X02LF | D   | -                      | 6 | - | 6 | - | 6      | - | 6 | - | 6  |
|                                 | C   | -                      | 6 | - | 6 | - | 6      | - | 6 | - | 6  |
|                                 | B   | -                      | 6 | - | 6 | - | 6      | - | 6 | - | 6  |
|                                 | A   | -                      | 6 | - | 6 | - | 6      | - | 6 | - | 6  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X03<br>AND<br>88922-X03LF | D   | 2                      | 2 | 2 | 2 | 2 | 1      | 1 | 2 | 2 | 2  |
|                                 | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|                                 | A   | 2                      | 2 | 2 | 2 | 2 | 3      | 3 | 2 | 2 | 2  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X04<br>AND<br>88922-X04LF | D   | -                      | - | 2 | - | - | 2      | 2 | 2 | 2 | 2  |
|                                 | C   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|                                 | B   | 2                      | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|                                 | A   | -                      | - | - | - | - | 4      | 4 | 4 | 4 | 19 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 88922-X05<br>AND<br>88922-X05LF | D   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|                                 | C   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|                                 | B   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |
|                                 | A   | 25                     | 25 | 25 | 25 | 25 | 25     | 25 | 25 | 25 | 25 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |    |    | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|----|----|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4  | 5  | 6      | 7 | 8 | 9 | 10 |
| 88922-X06<br>AND<br>88922-X06LF | D   | 6                      | 6 | 6 | 20 | 20 | 20     | 6 | 6 | 6 | 20 |
|                                 | C   | 6                      | 6 | 6 | 20 | 20 | 20     | 6 | 6 | 6 | 20 |
|                                 | B   | 6                      | 6 | 6 | 20 | 20 | 20     | 6 | 6 | 6 | 20 |
|                                 | A   | 6                      | 6 | 6 | 20 | 20 | 20     | 6 | 6 | 6 | 20 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X07<br>AND<br>88922-X07LF | D   | 2                      | 3 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|                                 | C   | 2                      | 3 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|                                 | B   | 2                      | 3 | 1 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |
|                                 | A   | 2                      | 3 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9  | 10 |
| 88922-X08<br>AND<br>88922-X08LF | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 19 | 19 |
|                                 | C   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 19 | 19 |
|                                 | B   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 19 | 19 |
|                                 | A   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 19 | 19 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X09<br>AND<br>88922-X09LF | D   | 1                      | 3 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|                                 | C   | 1                      | 3 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|                                 | B   | 1                      | 3 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |
|                                 | A   | 1                      | 3 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X10<br>AND<br>88922-X10LF | D   | -                      | - | 6 | 6 | - | -      | 6 | 6 | 6 | 6  |
|                                 | C   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|                                 | B   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|                                 | A   | -                      | - | - | - | - | -      | 8 | 8 | 8 | 20 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |    |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|----|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8  | 9 | 10 |
| 88922-X11<br>AND<br>88922-X11LF | D   | 19                     | 1 | 1 | 1 | 1 | 19     | 1 | 19 | 1 | 19 |
|                                 | C   | 3                      | 1 | 1 | 1 | 1 | 19     | 1 | 19 | 1 | 19 |
|                                 | B   | 3                      | 1 | 1 | 1 | 1 | 19     | 1 | 19 | 1 | 19 |
|                                 | A   | 3                      | 1 | 1 | 1 | 1 | 19     | 1 | 19 | 1 | 19 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X12<br>AND<br>88922-X12LF | D   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 3  |
|                                 | C   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 3  |
|                                 | B   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 3  |
|                                 | A   | 1                      | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 3  |

|             |         |                |      |                                       |                     |  |  |            |  |                           |  |
|-------------|---------|----------------|------|---------------------------------------|---------------------|--|--|------------|--|---------------------------|--|
| mat'l code  |         |                |      | tolerances unless otherwise specified |                     |  |  | CUSTOMER   |  | FCI<br>www.fciconnect.com |  |
| lfr         | ecn no. | dr             | date | linear                                | 0.X $\pm$ 0.3       |  |  | COPY       |  | title                     |  |
| AV          |         |                |      |                                       | 0.XX $\pm$ 0.13     |  |  | projection |  | METRAL SIGNAL HEADER      |  |
|             |         |                |      |                                       | .XXX $\pm$ 0.051    |  |  |            |  | 2 MOD, 4 ROW PRESS-FIT    |  |
|             |         |                |      | angles                                | 0° $\pm$ 2°         |  |  |            |  | product family            |  |
|             |         |                |      | dr                                    | T.BRUNGARD 11/19/99 |  |  | MM         |  | METRAL                    |  |
|             |         |                |      | enrg                                  | M.STRAWSE 11/19/99  |  |  | scale      |  | code                      |  |
|             |         |                |      | chr                                   | M.STRAWSE 11/19/99  |  |  | 1:1        |  | 213                       |  |
|             |         |                |      | appd                                  | M.STRAWSE 02/29/00  |  |  | A          |  | sheet                     |  |
| sheet index |         | revision sheet |      |                                       |                     |  |  |            |  | 4                         |  |



A

1 | 2

3 |

4

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X13<br>AND<br>88922-X13LF | D   | 20                     | - | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | -  | 20 |
|                                 | C   | 20                     | - | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | -  | 20 |
|                                 | B   | 20                     | - | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | -  | 20 |
|                                 | A   | 20                     | - | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7  | -  | 20 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X17<br>AND<br>88922-X17LF | D   | -                      | 6 | - | 6 | - | 6 | -      | 6 | - | 6  | -  | 6  |
|                                 | C   | -                      | - | - | - | - | - | -      | - | - | -  | -  | -  |
|                                 | B   | -                      | - | - | - | - | - | -      | - | - | -  | -  | -  |
|                                 | A   | -                      | 6 | - | 6 | - | 6 | -      | 6 | - | 6  | -  | 6  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X21<br>AND<br>88922-X21LF | D   | 20                     | - | 7 | - | 7 | - | 7      | - | 7 | -  | -  | 20 |
|                                 | C   | 20                     | - | - | 7 | - | 7 | -      | 7 | - | 7  | -  | 20 |
|                                 | B   | 20                     | - | 7 | - | 7 | - | 7      | - | 7 | -  | -  | 20 |
|                                 | A   | 20                     | - | - | 7 | - | 7 | -      | 7 | - | 7  | -  | 20 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X14<br>AND<br>88922-X14LF | D   | 19                     | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 19 |    |
|                                 | C   | 19                     | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 19 |    |
|                                 | B   | 19                     | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 19 |    |
|                                 | A   | 19                     | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 19 |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X18<br>AND<br>88922-X18LF | D   | 1                      | 1 | 1 | 4 | 1 | 1 | 3      | 3 | 4 | 4  | -  | 4  |
|                                 | C   | 1                      | 1 | 1 | 4 | 1 | 1 | 3      | 3 | 4 | 4  | -  | 4  |
|                                 | B   | 1                      | 1 | 1 | 4 | 1 | 1 | 3      | 3 | 4 | 4  | -  | 4  |
|                                 | A   | 1                      | 1 | 1 | 4 | 1 | 1 | 3      | 3 | 4 | 4  | -  | 4  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X22<br>AND<br>88922-X22LF | D   | 2                      | 2 | 2 | 6 | 6 | 6 | 6      | 6 | 6 | 2  | 2  | 2  |
|                                 | C   | 2                      | 2 | 2 | 6 | 6 | 6 | 6      | 6 | 6 | 2  | 2  | 2  |
|                                 | B   | 2                      | 2 | 2 | 6 | 6 | 6 | 6      | 6 | 6 | 2  | 2  | 2  |
|                                 | A   | 2                      | 2 | 2 | 6 | 6 | 6 | 6      | 6 | 6 | 2  | 2  | 2  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X15<br>AND<br>88922-X15LF | D   | 7                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 7  |    |
|                                 | C   | 7                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 7  |    |
|                                 | B   | 7                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 7  |    |
|                                 | A   | 7                      | 5 | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5  | 7  |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X19<br>AND<br>88922-X19LF | D   | 1                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 4  | 4  |    |
|                                 | C   | 1                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 4  | 4  |    |
|                                 | B   | 1                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 4  | 4  |    |
|                                 | A   | 1                      | 2 | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 4  | 4  |    |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X23<br>AND<br>88922-X23LF | D   | 19                     | 3 | 3 | 3 | 3 | 3 | 19     | 3 | 3 | 3  | 3  | 3  |
|                                 | C   | 19                     | 3 | 3 | 3 | 3 | 3 | 19     | 3 | 3 | 3  | 3  | 3  |
|                                 | B   | 19                     | 3 | 3 | 3 | 3 | 3 | 19     | 3 | 3 | 3  | 3  | 3  |
|                                 | A   | 19                     | 3 | 3 | 3 | 3 | 3 | 19     | 3 | 3 | 3  | 3  | 3  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X16<br>AND<br>88922-X16LF | D   | -                      | 2 | - | 2 | - | 2 | -      | 2 | - | 2  | -  | 2  |
|                                 | C   | -                      | - | - | - | - | - | -      | - | - | -  | -  | -  |
|                                 | B   | -                      | - | - | - | - | - | -      | - | - | -  | -  | -  |
|                                 | A   | -                      | 2 | - | 2 | - | 2 | -      | 2 | - | 2  | -  | 2  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |    |    |    |    | MOD. 2 |    |    |    |    |    |
|---------------------------------|-----|------------------------|---|----|----|----|----|--------|----|----|----|----|----|
|                                 |     | 1                      | 2 | 3  | 4  | 5  | 6  | 7      | 8  | 9  | 10 | 11 | 12 |
| 88922-X20<br>AND<br>88922-X20LF | D   | 21                     | - | 11 | -  | 11 | -  | 11     | -  | 11 | -  | -  | 21 |
|                                 | C   | 21                     | - | -  | 11 | -  | 11 | -      | 11 | -  | 11 | -  | 21 |
|                                 | B   | 21                     | - | 11 | -  | 11 | -  | 11     | -  | 11 | -  | -  | 21 |
|                                 | A   | 21                     | - | -  | 11 | -  | 11 | -      | 11 | -  | 11 | -  | 21 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X24<br>AND<br>88922-X24LF | D   | 7                      | - | 7 | - | 7 | - | 7      | - | 7 | -  | 7  | -  |
|                                 | C   | -                      | 7 | - | 7 | - | 7 | -      | 7 | - | 7  | -  | 7  |
|                                 | B   | 7                      | - | 7 | - | 7 | - | 7      | - | 7 | -  | 7  | -  |
|                                 | A   | -                      | 7 | - | 7 | - | 7 | -      | 7 | - | 7  | -  | 7  |

| mat'l code  |         |                |      | tolerances unless otherwise specified |            |  |  | CUSTOMER |  | FCI<br>www.fciconnect.com |                                                      |  |  |  |        |  |  |  |       |  |  |  |  |
|-------------|---------|----------------|------|---------------------------------------|------------|--|--|----------|--|---------------------------|------------------------------------------------------|--|--|--|--------|--|--|--|-------|--|--|--|--|
| lfr         | ecn no. | dr             | date | linear                                | 0.X ±0.3   |  |  | COPY     |  | projection                | title                                                |  |  |  |        |  |  |  |       |  |  |  |  |
| AV          |         |                |      |                                       | 0.XX ±0.13 |  |  |          |  |                           | METRAL SIGNAL HEADER                                 |  |  |  |        |  |  |  |       |  |  |  |  |
|             |         |                |      | angles                                | .XXX ±.051 |  |  |          |  |                           | 2 MOD, 4 ROW PRESS FIT                               |  |  |  |        |  |  |  |       |  |  |  |  |
|             |         |                |      |                                       | 0° ±2°     |  |  |          |  |                           |                                                      |  |  |  |        |  |  |  |       |  |  |  |  |
|             |         |                |      | dr                                    | T.BRUNGARD |  |  | 11/19/99 |  |                           | product family                                       |  |  |  | METRAL |  |  |  | code  |  |  |  |  |
|             |         |                |      | enrg                                  | M.STRAWSER |  |  | 11/19/99 |  |                           | size                                                 |  |  |  | dwg no |  |  |  | 213   |  |  |  |  |
|             |         |                |      | chr                                   | M.STRAWSER |  |  | 11/19/99 |  |                           | scale                                                |  |  |  | A      |  |  |  | 88922 |  |  |  |  |
|             |         |                |      | appd                                  | M.STRAWSER |  |  | 02/29/00 |  |                           | 1:1 <td colspan="4"></td> <td colspan="4">sheet</td> |  |  |  |        |  |  |  | sheet |  |  |  |  |
| sheet index |         | revision sheet |      |                                       |            |  |  |          |  |                           |                                                      |  |  |  |        |  |  |  |       |  |  |  |  |

|                 |         |                |      |                                       |                     |  |  |            |  |                           |  |
|-----------------|---------|----------------|------|---------------------------------------|---------------------|--|--|------------|--|---------------------------|--|
| mat'l code      |         |                |      | tolerances unless otherwise specified |                     |  |  | CUSTOMER   |  | FCi<br>www.fciconnect.com |  |
| lfr             | ecn no. | dr             | date | linear                                | 0.X ±0.3            |  |  | COPY       |  | title                     |  |
| AV              |         |                |      |                                       | 0.XX ±0.13          |  |  | projection |  | METRAL SIGNAL HEADER      |  |
|                 |         |                |      |                                       | .XXX ±.051          |  |  |            |  | 2 MOD, 4 ROW PRESS FIT    |  |
|                 |         |                |      | angles                                | 0° ±2°              |  |  |            |  | product family            |  |
|                 |         |                |      | dr                                    | T.BRUNGARD 11/19/99 |  |  | MM         |  | METRAL                    |  |
|                 |         |                |      | enr                                   | M.STRAWSE 11/19/99  |  |  | scale      |  | code                      |  |
|                 |         |                |      | chr                                   | M.STRAWSE 11/19/99  |  |  | 1:1        |  | 213                       |  |
|                 |         |                |      | appd                                  | M.STRAWSE 02/29/00  |  |  |            |  | sheet                     |  |
| sheet index     |         | revision sheet |      |                                       |                     |  |  |            |  | 5                         |  |
| cage code 22526 |         |                |      |                                       |                     |  |  |            |  |                           |  |



| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X25<br>AND<br>88922-X25LF | D   | 3                      | 3 | 3 | 3 | 3 | 3      | - | 3 | 3 | 3  |
|                                 | C   | 3                      | 3 | 3 | 3 | 3 | 3      | - | 3 | 3 | 3  |
|                                 | B   | 3                      | 3 | 3 | 3 | 3 | 3      | - | 3 | 3 | 3  |
|                                 | A   | 3                      | 3 | 3 | 3 | 3 | 3      | - | 3 | 3 | 3  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |    |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|----|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7  | 8 | 9 | 10 |
| 88922-X26<br>AND<br>88922-X26LF | D   | 19                     | 3 | 3 | 3 | 3 | 3      | 19 | 3 | 3 | 3  |
|                                 | C   | 19                     | 3 | 3 | 3 | 3 | 3      | 19 | 3 | 3 | 3  |
|                                 | B   | 19                     | 3 | 3 | 3 | 3 | 3      | 19 | 3 | 3 | 3  |
|                                 | A   | 19                     | 3 | 3 | 3 | 3 | 3      | 19 | 3 | 3 | 3  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X27<br>AND<br>88922-X27LF | D   | 3                      | - | 3 | - | 3 | -      | 3 | - | 3 | -  |
|                                 | C   | -                      | 3 | - | 3 | - | 3      | - | 3 | - | 3  |
|                                 | B   | 3                      | - | 3 | - | 3 | -      | 3 | - | 3 | -  |
|                                 | A   | -                      | 3 | - | 3 | - | 3      | - | 3 | - | 3  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X28<br>AND<br>88922-X28LF | D   | 19                     | - | 3 | - | 3 | -      | 3 | - | 3 | -  |
|                                 | C   | 19                     | - | 3 | - | 3 | -      | 3 | - | 3 | -  |
|                                 | B   | 19                     | - | 3 | - | 3 | -      | 3 | - | 3 | -  |
|                                 | A   | 19                     | - | 3 | - | 3 | -      | 3 | - | 3 | -  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X29<br>AND<br>88922-X29LF | D   | -                      | 7 | - | 7 | - | 7      | - | 7 | - | 7  |
|                                 | C   | 7                      | - | 7 | - | 7 | -      | 7 | - | 7 | -  |
|                                 | B   | -                      | 7 | - | 7 | - | 7      | - | 7 | - | 7  |
|                                 | A   | 7                      | - | 7 | - | 7 | -      | 7 | - | 7 | -  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 88922-X30<br>AND<br>88922-X30LF | D   | -                      | 17 | -  | 17 | -  | 17     | -  | 17 | -  | 17 |
|                                 | C   | 17                     | -  | 17 | -  | 17 | -      | 17 | -  | 17 | -  |
|                                 | B   | -                      | 17 | -  | 17 | -  | 17     | -  | 17 | -  | 17 |
|                                 | A   | 17                     | -  | 17 | -  | 17 | -      | 17 | -  | 17 | -  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X31<br>AND<br>88922-X31LF | D   | 3                      | 3 | 2 | 3 | 3 | 2      | 4 | 4 | 2 | 2  |
|                                 | C   | 3                      | 3 | 2 | 3 | 3 | 2      | 4 | 4 | 2 | 2  |
|                                 | B   | 3                      | 3 | 2 | 3 | 3 | 2      | 4 | 4 | 2 | 2  |
|                                 | A   | 3                      | 3 | 2 | 3 | 3 | 2      | 4 | 4 | 2 | 2  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X32<br>AND<br>88922-X32LF | D   | -                      | - | 6 | 6 | - | 20     | 6 | 6 | 6 | 6  |
|                                 | C   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|                                 | B   | 6                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  |
|                                 | A   | -                      | - | - | - | - | 8      | 8 | 8 | 8 | 20 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    |
|---------------------------------|-----|------------------------|----|----|----|----|--------|----|----|----|----|
|                                 |     | 1                      | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 |
| 88922-X33<br>AND<br>88922-X33LF | D   | -                      | -  | 64 | 64 | -  | 52     | 64 | 64 | 64 | 64 |
|                                 | C   | 64                     | 64 | 64 | 64 | 64 | 64     | 64 | 64 | 64 | 64 |
|                                 | B   | 64                     | 64 | 64 | 64 | 64 | 64     | 64 | 64 | 64 | 64 |
|                                 | A   | -                      | -  | -  | -  | -  | 69     | 69 | 69 | 69 | 52 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X34<br>AND<br>88922-X34LF | D   | 7                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 5  |
|                                 | C   | 7                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 5  |
|                                 | B   | 7                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 5  |
|                                 | A   | 7                      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 5  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |    | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|----|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5  | 6      | 7 | 8 | 9 | 10 |
| 88922-X35<br>AND<br>88922-X35LF | D   | 2                      | 2 | 2 | 2 | 2  | 2      | 2 | 2 | 2 | 2  |
|                                 | C   | 2                      | 2 | 2 | 2 | 2  | 2      | 2 | 2 | 2 | 2  |
|                                 | B   | 2                      | 2 | 2 | 2 | 2  | 2      | 2 | 2 | 2 | 2  |
|                                 | A   | 4                      | 4 | 4 | 4 | 19 | 19     | 4 | 4 | 4 | 19 |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    |
|---------------------------------|-----|------------------------|---|---|---|---|--------|---|---|---|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 |
| 88922-X36<br>AND<br>88922-X36LF | D   | 7                      | 7 | 7 | 7 | 6 | 7      | 6 | 7 | 6 | 7  |
|                                 | C   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|                                 | B   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |
|                                 | A   | 7                      | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  |

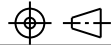
|            |         |          |      |                                          |                     |  |  |                    |                                                |                           |  |
|------------|---------|----------|------|------------------------------------------|---------------------|--|--|--------------------|------------------------------------------------|---------------------------|--|
| mat'l code |         |          |      | tolerances unless<br>otherwise specified |                     |  |  | CUSTOMER           |                                                | FCJ<br>www.fcjconnect.com |  |
| lfr        | ecn no. | dr       | date | linear                                   | 0.X ±0.3            |  |  | projection         | COPY                                           |                           |  |
| AV         |         |          |      |                                          | 0.XX ±0.13          |  |  |                    | title                                          |                           |  |
|            |         |          |      |                                          | .XXX ±.051          |  |  |                    | METRAL SIGNAL HEADER<br>2 MOD, 4 ROW PRESS-FIT |                           |  |
|            |         |          |      | angles                                   | 0° ±2°              |  |  | MM<br>scale<br>1:1 | product family                                 |                           |  |
|            |         |          |      | dr                                       | T.BRUNGARD 11/19/99 |  |  |                    | METRAL                                         |                           |  |
|            |         |          |      | engr                                     | M.STRAWSER 11/19/99 |  |  |                    | code                                           |                           |  |
|            |         |          |      | chr                                      | M.STRAWSER 11/19/99 |  |  | size               |                                                |                           |  |
|            |         |          |      | appd                                     | M.STRAWSER 02/29/00 |  |  | dwg no             |                                                |                           |  |
| sheet      |         | revision |      |                                          |                     |  |  | A                  |                                                | 88922                     |  |
| index      |         | sheet    |      |                                          |                     |  |  |                    |                                                | 213<br>sheet<br>6         |  |

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| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X37<br>AND<br>88922-X37LF | D   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |
|                                 | C   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |
|                                 | B   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 1 | 3 | 3  | 3  | 3  |
|                                 | A   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |

| METRAL<br>P/N                   | ROW | CONTACT CODE<br>MOD. 1 |   |   |   |   |   | MOD. 2 |   |   |    |    |    |
|---------------------------------|-----|------------------------|---|---|---|---|---|--------|---|---|----|----|----|
|                                 |     | 1                      | 2 | 3 | 4 | 5 | 6 | 7      | 8 | 9 | 10 | 11 | 12 |
| 88922-X38<br>AND<br>88922-X38LF | D   | 3                      | 3 | 1 | 9 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |
|                                 | C   | 3                      | 3 | 1 | 9 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |
|                                 | B   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 1 | 3 | 3  | 3  | 3  |
|                                 | A   | 3                      | 3 | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3  | 3  | 3  |

|             |         |                |      |        |            |                                          |                                                                                       |          |                                                                                       |                                                                                                                                                  |       |                |  |      |
|-------------|---------|----------------|------|--------|------------|------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|--|------|
| mat'l code  |         |                |      | --     |            | tolerances unless<br>otherwise specified |                                                                                       | CUSTOMER |                                                                                       |  <a href="http://www.fciconnect.com">www.fciconnect.com</a> |       |                |  |      |
| lfr         | ecn no. | dr             | date | linear | 0.X ±0.3   |                                          | COPY                                                                                  |          |  |                                                                                                                                                  |       |                |  |      |
| AV          |         |                |      |        | 0.XX ±0.13 |                                          | projection                                                                            |          |                                                                                       |                                                                                                                                                  |       |                |  |      |
|             |         |                |      |        | .XXX ±.051 |                                          |                                                                                       |          |                                                                                       |                                                                                                                                                  |       |                |  |      |
|             |         |                |      | angles | 0° ±2°     |                                          |  |          | title<br>METRAL SIGNAL HEADER<br>2 MOD, 4 ROW PRESS-FIT                               |                                                                                                                                                  |       |                |  |      |
|             |         |                |      | dr     | T.BRUNGARD | 11/19/99                                 | scale                                                                                 |          |                                                                                       |                                                                                                                                                  |       | product family |  | code |
|             |         |                |      | enrg   | M.STRAWSE  | 11/19/99                                 | 1:1                                                                                   |          |                                                                                       |                                                                                                                                                  |       | METRAL         |  | 213  |
|             |         |                |      | chr    | M.STRAWSE  | 11/19/99                                 |                                                                                       |          | size                                                                                  |                                                                                                                                                  | sheet |                |  |      |
|             |         |                |      | appd   | M.STRAWSE  | 02/29/00                                 |                                                                                       |          | A                                                                                     |                                                                                                                                                  | 7     |                |  |      |
| sheet index |         | revision sheet |      |        |            |                                          |                                                                                       |          |                                                                                       |                                                                                                                                                  |       |                |  |      |