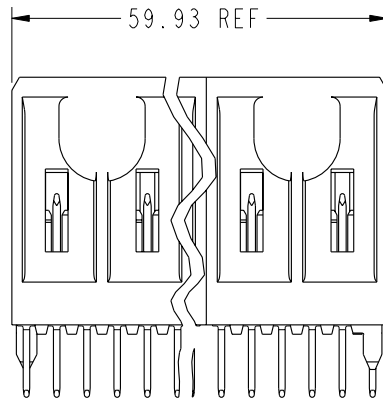
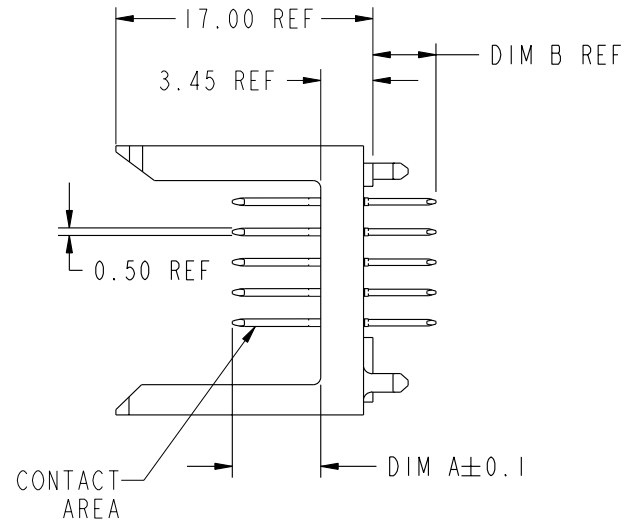
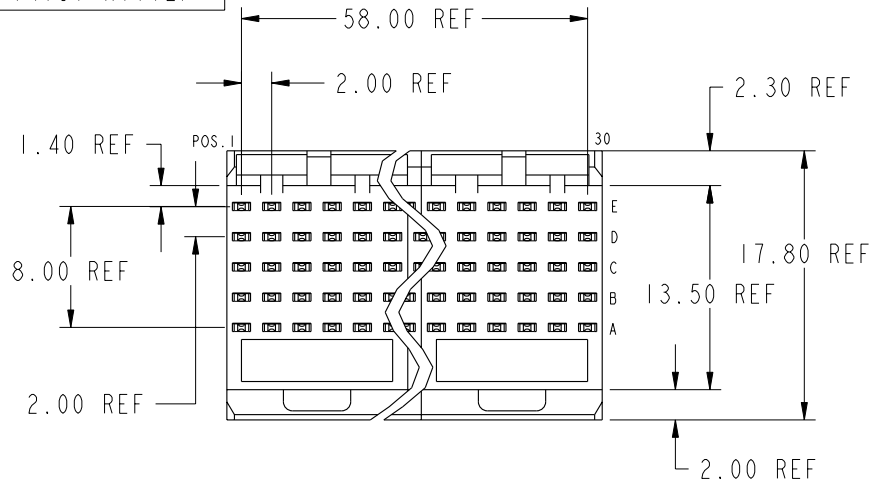


| |
|----------------|
| PRODUCT NUMBER |
| 74781-XXXX |
| 74781-YYYYLF |



| | | | | | | | | | | | |
|-------------|----------|----------|------------|--------|---------------------------------------|----------------------|----------|------------|---------------------------|--------|--|
| mat'l code | | | | -- | tolerances unless otherwise specified | | CUSTOMER | | FCj www.fciconnect.com | | |
| ltr | ecn no. | dr | date | linear | 0.X ±0.3 | COPY | | projection | title | | |
| B | V02570 | CGD | 10/03/00 | | 0.XX ±0.13 | METRAL SIGNAL HEADER | | | 5 MOD, 5 ROW STB | | |
| C | V10909 | CGD | 02/22/01 | | .XXX ±.051 | product family | | | METRAL | | |
| D | V12013 | JWS | 08/29/01 | angles | 0° ±2° | MM | | code | | | |
| E | V21671 | TAB | 10/21/02 | dr | T.BRUNGARD | 11/19/99 | scale | | 2:1 | | |
| F | V03-1059 | DAI | 09/24/03 | engr | M.STRAWSER | 11/19/99 | size | | dwg no | | |
| G | V05-1126 | DAI | 01/04/05 | chr | M.STRAWSER | 11/19/99 | A | | 74781 | | |
| H | V06-0544 | DCH | 2006-06-09 | appd | M.STRAWSER | 02/29/00 | sheet | | 213 | | |
| sheet index | | revision | H | H | H | cage code | | 22526 | | 1 of 3 | |
| | | sheet | 1 | 2 | 3 | | | | | | |



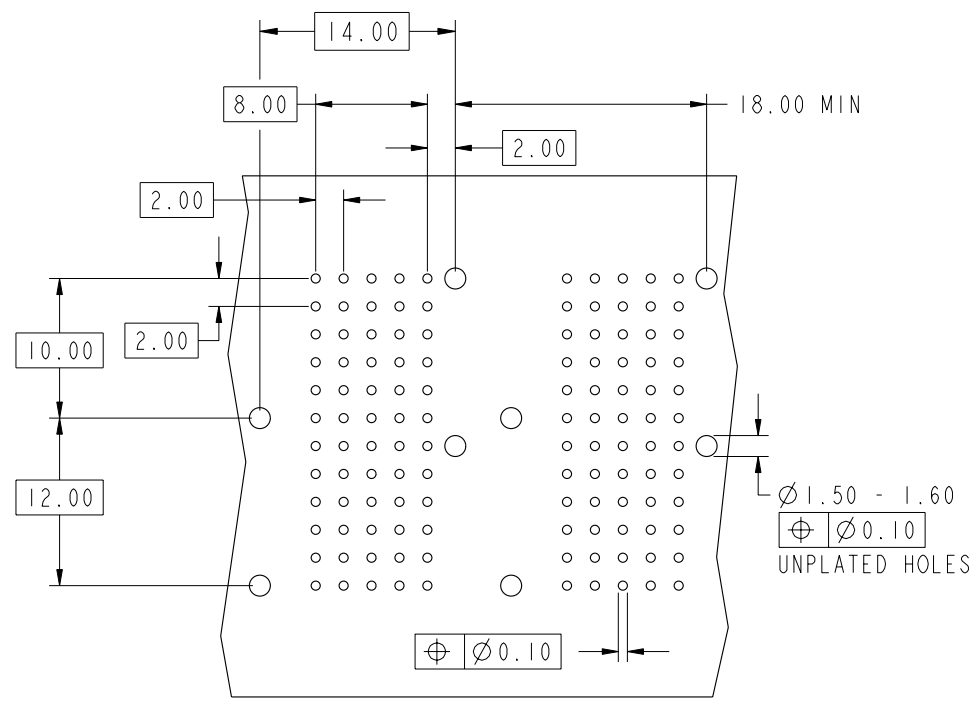
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1 | 2

3 |

4

| KEY (SIGNAL STB) | | |
|--------------------|--------------|--------------|
| CODE | DIMENSIONS | |
| | DIM "A" MATE | DIM "B" TAIL |
| 3 | 6.50 | 4.25 |
| 7 | 6.50 | 3.45 |
| 11 | 6.50 | 2.65 |



REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION



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| | | | | | | | | | |
|-------------|----------------|------|------------|---------------------------------------|------------|----------|--------|---------------------------|---|
| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER | | FCJ www.fcjconnect.com | |
| ltr | ecn no. | dr | date | linear | 0.X ±0.3 | COPY | | projection | title METRAL SIGNAL HEADER 5 MOD, 5 ROW STB |
| H | | | | | 0.XX ±0.13 | MM | | | |
| | | | | | .XXX ±.051 | 1:1 | | | |
| | | | | angles | 0° ±2° | scale | | product family | code |
| | | dr | T.BRUNGARD | 11/19/99 | A | | size | METRAL | 213 |
| | | enr | M.STRAWSER | 11/19/99 | A | | dwg no | | sheet |
| | | chr | M.STRAWSER | 11/19/99 | A | | 74781 | | 2 |
| | | appd | M.STRAWSER | 02/29/00 | A | | | | |
| sheet index | revision sheet | | | | | | | cage code | |
| | | | | | | | | 22526 | |

1 | 2

Pro/E

3 |

cage code 22526

4

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | MOD. 2 | | | | | MOD. 3 | | | | | MOD. 4 | | | | | MOD. 5 | | | | | | | | |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 74781-X001 SEE NOTE 9 LEAD FREE OPTION | E | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | D | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | MOD. 2 | | | | | MOD. 3 | | | | | MOD. 4 | | | | | MOD. 5 | | | | | | | |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 74781-X031 SEE NOTE 9 LEAD FREE OPTION | E | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | D | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | C | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | B | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | A | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | MOD. 2 | | | | | MOD. 3 | | | | | MOD. 4 | | | | | MOD. 5 | | | | | | | |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 74781-X061 SEE NOTE 9 LEAD FREE OPTION | E | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | D | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | C | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | B | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | A | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

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: 74781-XXX IS SnPb. 74781-XXYLF IS Sn (LEAD FREE) PERFORMANCE LEVEL SHOWN IN TABLE BELOW.
 - 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 AND XXXXX-XXXPLF
 - PRODUCT SPECIFICATION GS-12-180 APPLICATION SPECIFICATION BUS-20-073
 - THE PRODUCTS WHERE THE PART NUMBERS END IN "LF" MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 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--- OR (DRAWING NO.) -N5--- WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM OF 140° C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.
- FOR LEAD FREE PART NUMBERS, ADD "LF" SUFFIX. EXAMPLE: 74781-X01LF OR 74781-X01PLF



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| PLATING IN CONTACT AREA | | |
|-------------------------|--------------------------------|------------|
| DASH NUMBER | PERFORMANCE LEVEL | NOTES |
| -N1YY | TELCORDIA CO (NXT) | |
| -N5YY | TELCORDIA UE (NXT) | |
| -1YY | TELCORDIA CO | |
| -2YY | TELECOM CLASS | |
| -3YY | IEC CLASS I | |
| -5YY | TELCORDIA UE | |
| -9YY | TELCORDIA CO | |
| -N1YYLF | TELCORDIA CO (NXT) IEC CLASS I | SEE NOTE 8 |
| -N5YYLF | TELCORDIA UE (NXT) IEC CLASS I | SEE NOTE 8 |
| -1YYLF | TELCORDIA CO IEC CLASS I | SEE NOTE 8 |
| -2YYLF | TELECOM CLASS | SEE NOTE 8 |
| -5YYLF | TELCORDIA UE | SEE NOTE 8 |

| | | | | | | | | | | | |
|-------------|---------|----------------|------|---------------------------------------|------------|----------|--|------------|--|--|--|
| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER | | FCI | | www.fciconnect.com | |
| ltr | ecr no. | dr | date | linear | 0.X ±0.3 | COPY | | projection | | title | |
| H | | | | angles | 0.XX ±0.13 | | | | | METRAL SIGNAL HEADER 5 MOD, 5 ROW STB | |
| | | | | dr | .XXX ±.051 | | | | | product family | |
| | | | | engr | 0° ±2° | | | MM | | METRAL | |
| | | | | chr | | | | | | code | |
| | | | | appd | | | | 1:1 | | 213 | |
| sheet index | | revision sheet | | | | | | A | | sheet 3 | |
| | | | | | | | | 74781 | | 3 | |