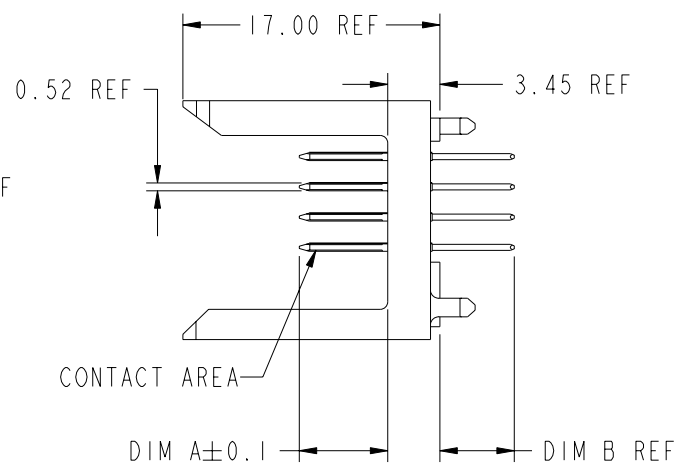
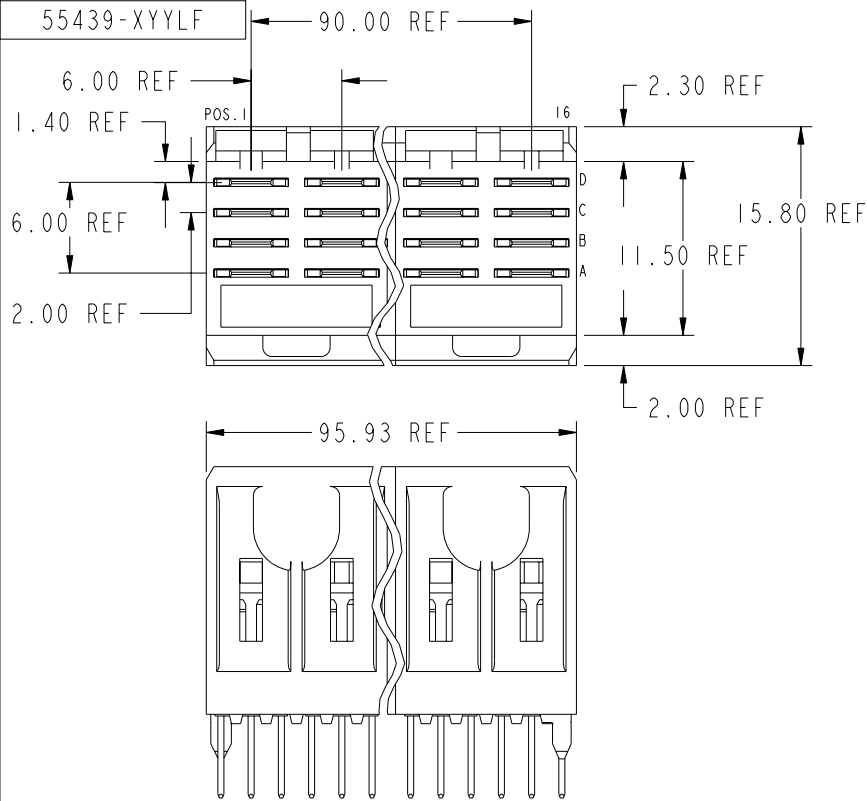




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| |
|----------------|
| PRODUCT NUMBER |
| 55439-XY |
| 55439-XYLFF |

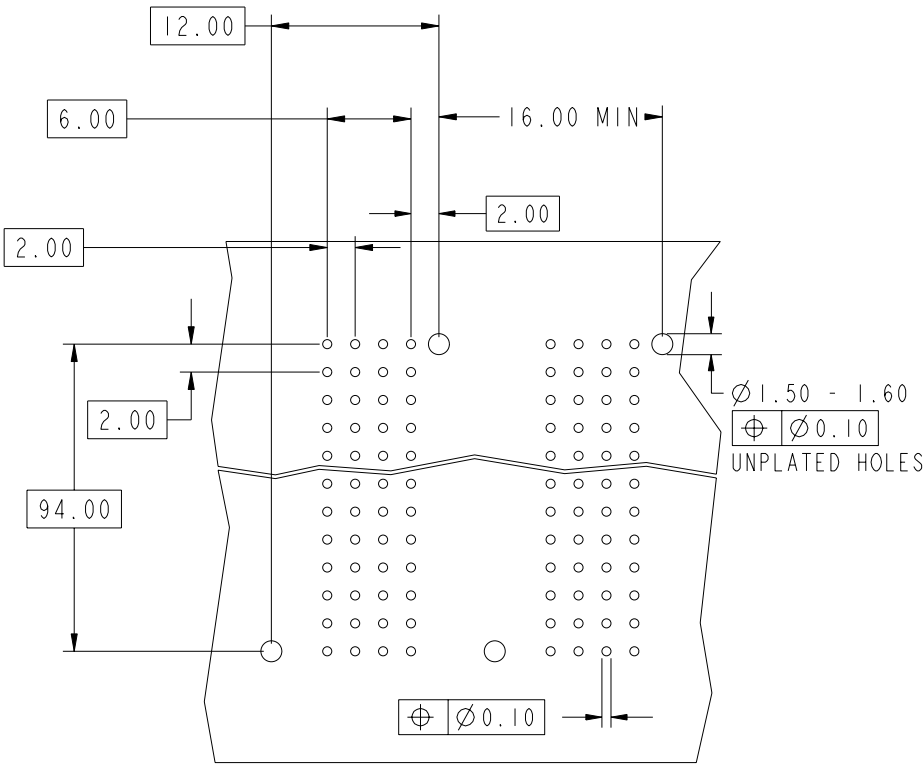


| PLATING IN CONTACT AREA | | |
|-------------------------|-----------------------------|------------|
| DASH NUMBER | PERFORMANCE LEVEL | NOTES |
| -1YY | TELCORDIA CO | - |
| -2YY | TELECOM CLASS | - |
| -3YY | IEC CLASS I | - |
| -5YY | TELCORDIA UE | - |
| -9YY | TELCORDIA CO | - |
| -1YYLF | TELCORDIA 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 | | www.fciconnect.com | |
| ltr | ecr no. | dr | date | linear | 0.X ± 0.3 | | COPY | | projection | title | | |
| A | V02642 | JWS | 10/17/00 | | 0.XX ± 0.13 | | MM | | | METRAL POWER HEADER 8 MOD, 4 ROW STB | | |
| B | V10910 | CGD | 02/22/01 | | .XXX ± 0.051 | | 2:1 | | | product family METRAL code 213 | | |
| C | V12078 | JWS | 08/30/01 | angles | 0° ± 2° | | scale | | size A 55439 sheet 1 of 6 | | | |
| D | V20814 | CGD | 04/26/02 | dr | T.BRUNGARD | 11/19/99 | 2:1 | | cage code 22526 | | | |
| E | V21670 | TAB | 10/18/02 | enrg | M.STRAWSER | 11/19/99 | 2:1 | | 4 | | | |
| F | V05-1131 | VS | 2/25/06 | chr | M.STRAWSER | 11/19/99 | 2:1 | | 4 | | | |
| G | V06-0492 | DCH | 2006-05-23 | appd | M.STRAWSER | 02/29/00 | 2:1 | | 4 | | | |
| sheet index | revision sheet | G 1 | G 2 | G 3 | G 4 | G 5 | G 6 | | | | | |



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

| KEY (POWER STB) | | |
|-----------------|--------------|--------------|
| CODE | DIMENSIONS | |
| | DIM "A" MATE | DIM "B" TAIL |
| P01 | 6.50 | 4.25 |
| P02 | 7.25 | 4.25 |
| P03 | 8.00 | 4.25 |
| P04 | 5.00 | 4.25 |
| P05 | 5.75 | 4.25 |
| P11 | 5.00 | 3.30 |
| P12 | 5.75 | 3.30 |
| P13 | 6.50 | 3.30 |
| P14 | 7.25 | 3.30 |
| P15 | 8.00 | 3.30 |

- 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:
55439-XYX IS SnPb
55439-XYLX IS Sn (LEAD FREE).
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
 - 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-XXXP.LF.
 - PRODUCT SPECIFICATION GS-12-180. APPLICATION SPECIFICATION BUS-20-073.
 - THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 - FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 55439-XYLXLF
 - ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260° FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

| | | | | | | | | | | | |
|-------------|----------------|----|------|---------------------------------------|---------------------|------------|--|--|--------------------------|-------------|------------|
| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER | | FCI www.fciconnect.com | | | |
| ltr | ecr no. | dr | date | linear | 0.X ± 0.3 | COPY | | title METRAL POWER HEADER 8 MOD, 4 ROW STB | product family METRAL | code 213 | |
| G | | | | | 0.XX ± 0.13 | projection | | | | | sheet 2 |
| | | | | | .XXX ± 0.051 | | | | | | |
| | | | | angles | 0° ± 2° | | | size A | dwg no 55439 | | |
| | | | | dr | T.BRUNGARD 11/19/99 | MM | | | | | |
| | | | | enr | M.STRAWSER 11/19/99 | scale | | 1:1 | cage code 22526 | | |
| | | | | chr | M.STRAWSER 11/19/99 | | | | | | |
| | | | | appd | M.STRAWSER 02/29/00 | | | | | | |
| sheet index | revision sheet | | | | | | | | | | |


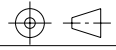

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X01 SEE NOTE 9 LEAD FREE OPTION | D | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | C | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | B | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | A | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X02 SEE NOTE 9 LEAD FREE OPTION | D | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | C | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | B | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | A | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X03 SEE NOTE 9 LEAD FREE OPTION | D | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | C | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | B | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | A | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X04 SEE NOTE 9 LEAD FREE OPTION | D | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | C | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | B | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | A | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X05 SEE NOTE 9 LEAD FREE OPTION | D | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | C | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | B | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |
| | A | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |

| | | | | | | | | | | | | | | | | |
|-------------|---------|----------------|------|---------------------------------------|------------|----------|--|---|-------|--|--|---|-------|--|--|--|
| mat'l code | | | | tolerances unless otherwise specified | | | | CUSTOMER | | | |  www.fciconnect.com | | | | |
| ltr | ecr no. | dr | date | linear | 0.X ±0.3 | | | COPY | | | | title | | | | |
| G | | | | | 0.XX ±0.13 | | | projection | | | | METRAL POWER HEADER 8 MOD, 4 ROW STB | | | | |
| | | | | | .XXX ±.051 | | |  | | | | product family | | | | |
| | | | | angles | 0° ±2° | | |  | | | | METRAL | | | | |
| | | | | dr | T.BRUNGARD | 11/19/99 | | | scale | | | | code | | | |
| | | | | engr | M.STRAWSER | 11/19/99 | | | 1:1 | | | | 213 | | | |
| | | | | chr | M.STRAWSER | 11/19/99 | | | A | | | | sheet | | | |
| | | | | appd | M.STRAWSER | 02/29/00 | | | 55439 | | | | 3 | | | |
| sheet index | | revision sheet | | | | | | | | | | | | | | |



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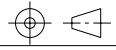

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X06 SEE NOTE 9 LEAD FREE OPTION | D | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | C | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |
| | B | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |
| | A | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X07 SEE NOTE 9 LEAD FREE OPTION | D | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | C | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | B | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |
| | A | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X08 SEE NOTE 9 LEAD FREE OPTION | D | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | C | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | B | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | A | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X09 SEE NOTE 9 LEAD FREE OPTION | D | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |
| | C | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |
| | B | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |
| | A | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X10 SEE NOTE 9 LEAD FREE OPTION | D | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |
| | C | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |
| | B | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |
| | A | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |

| | | | | | | | | | | | | | | | | | | |
|-------------|---------|----------------|------|---------------------------------------|------------|------------|----------|----------|---|---|--|--|---|----------------|--------|---|------|--|
| mat'l code | | | | tolerances unless otherwise specified | | | | CUSTOMER | | | |  www.fciconnect.com | | | | | | |
| ltr | ecr no. | dr | date | linear | 0.X ±0.3 | | | | COPY | | | | title | | | | | |
| G | | | | | 0.XX ±0.13 | | | | projection | | | | METRAL POWER HEADER 8 MOD, 4 ROW STB | | | | | |
| | | | | | angles | .XXX ±.051 | | | |  | | | | product family | | | | |
| | | | | dr | | T.BRUNGARD | 11/19/99 | | | MM | | | | METRAL | | | | |
| | | | | enrg | M.STRAWSER | 11/19/99 | | |  | | | | size | | dwg no | | code | |
| | | | | chr | M.STRAWSER | 11/19/99 | | | 1:1 | | | | A | | 55439 | | 213 | |
| | | | | appd | M.STRAWSER | 02/29/00 | | | | | | | | | sheet | | | |
| sheet index | | revision sheet | | | | | | | | | | | | | | 4 | | |



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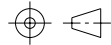
| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X11 SEE NOTE 9 LEAD FREE OPTION | D | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | C | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | B | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | A | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X12 SEE NOTE 9 LEAD FREE OPTION | D | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | C | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | B | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | A | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X13 SEE NOTE 9 LEAD FREE OPTION | D | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | C | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | B | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |
| | A | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X14 SEE NOTE 9 LEAD FREE OPTION | D | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | C | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | B | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | A | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X15 SEE NOTE 9 LEAD FREE OPTION | D | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |
| | C | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |
| | B | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |
| | A | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |

| | | | | | | | | | | | |
|-------------|---------|----------------|------|--------|------------|---------------------------------------|-------|----------|---|---|--|
| mat'l code | | | | -- | | tolerances unless otherwise specified | | CUSTOMER | |  www.fcjconnect.com | |
| ltr | ecr no. | dr | date | linear | 0.X ±0.3 | | COPY | |  projection | title | |
| G | | | | | 0.XX ±0.13 | | MM | | | METRAL POWER HEADER | |
| | | | | | .XXX ±.051 | | A | | | 8 MOD, 4 ROW STB | |
| | | | | angles | 0° ±2° | | scale | | product family | | |
| | | | | dr | T.BRUNGARD | 11/19/99 | 1:1 | | METRAL | | |
| | | | | enr | M.STRAWSER | 11/19/99 | A | | code | | |
| | | | | chr | M.STRAWSER | 11/19/99 | A | | 213 | | |
| | | | | appd | M.STRAWSER | 02/29/00 | A | | sheet | | |
| sheet index | | revision sheet | | | | | | | | 5 | |



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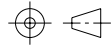

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|---|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X16 SEE NOTE 9 LEAD FREE OPTION | D | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |
| | C | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |
| | B | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |
| | A | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|---|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X17 SEE NOTE 9 LEAD FREE OPTION | D | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | C | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | B | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | A | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|---|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X18 SEE NOTE 9 LEAD FREE OPTION | D | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | C | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | B | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | A | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|---|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X19 SEE NOTE 9 LEAD FREE OPTION | D | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | C | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | B | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |
| | A | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | | MOD. 5 | | MOD. 6 | | MOD. 7 | | MOD. 8 | |
|---|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 55439-X20 SEE NOTE 9 LEAD FREE OPTION | D | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | C | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |
| | B | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |
| | A | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |

| | | | | | | | | | | | | | | | | | | |
|-------------|---------|----------------|------|---------------------------------------|------------|------------|--|----------|--|---|--|--|--|--|--------|--|-------|--|
| mat'l code | | | | tolerances unless otherwise specified | | | | CUSTOMER | | | |  www.fciconnect.com | | | | | | |
| ltr | ecn no. | dr | date | linear | 0.X ±0.3 | | | | COPY | | | | title METRAL POWER HEADER 8 MOD, 4 ROW STB | | | | | |
| G | | | | | 0.XX ±0.13 | | | | projection | | | | | | | | | |
| | | | | | angles | .XXX ±.051 | | | |  | | | | | | | | |
| | | | | 0° ±2° | | | | | | | | | | | | | | |
| | | | | dr | T.BRUNGARD | 11/19/99 | | |  scale 1:1 | | | | product family | | METRAL | | code | |
| | | | | engr | M.STRAWSER | 11/19/99 | | | | | | | size | | dwg no | | 213 | |
| | | | | chr | M.STRAWSER | 11/19/99 | | | | | | | A | | 55439 | | sheet | |
| | | | | appd | M.STRAWSER | 02/29/00 | | | | | | | | | 6 | | | |
| sheet index | | revision sheet | | | | | | | | | | | | | | | | |



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