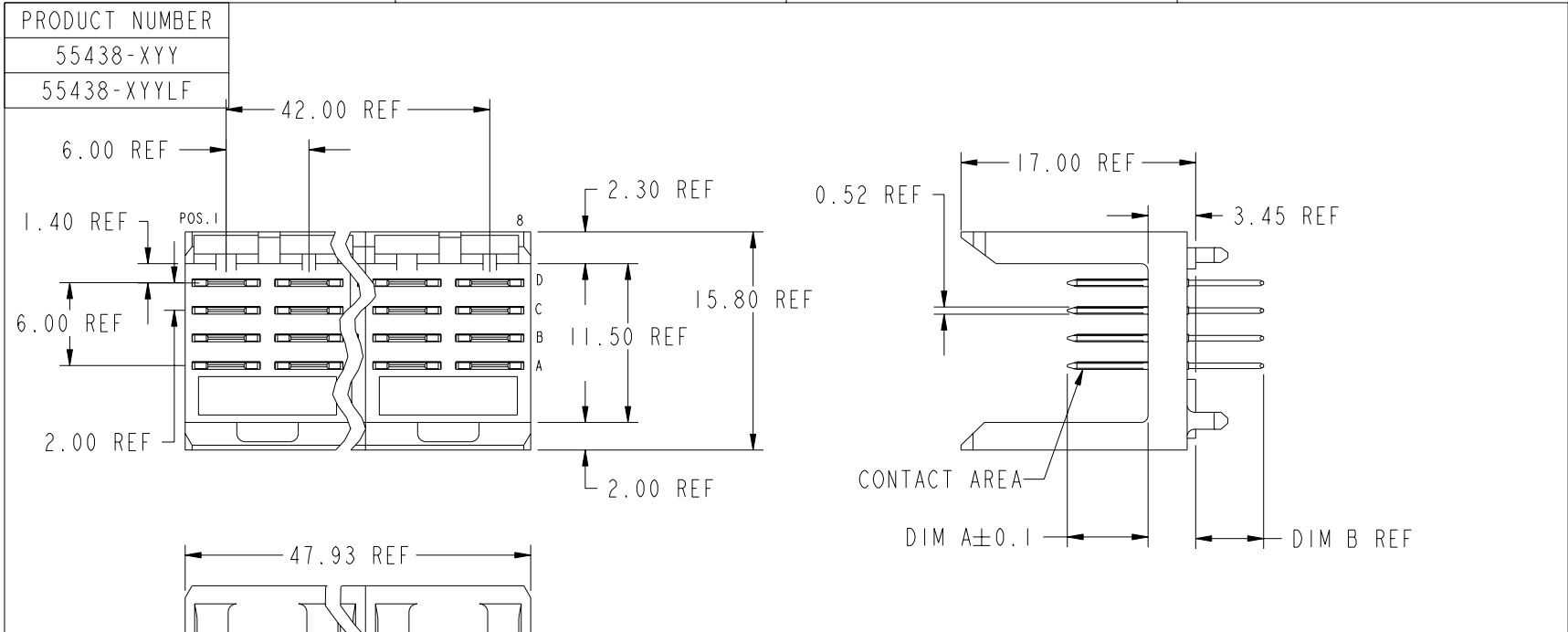




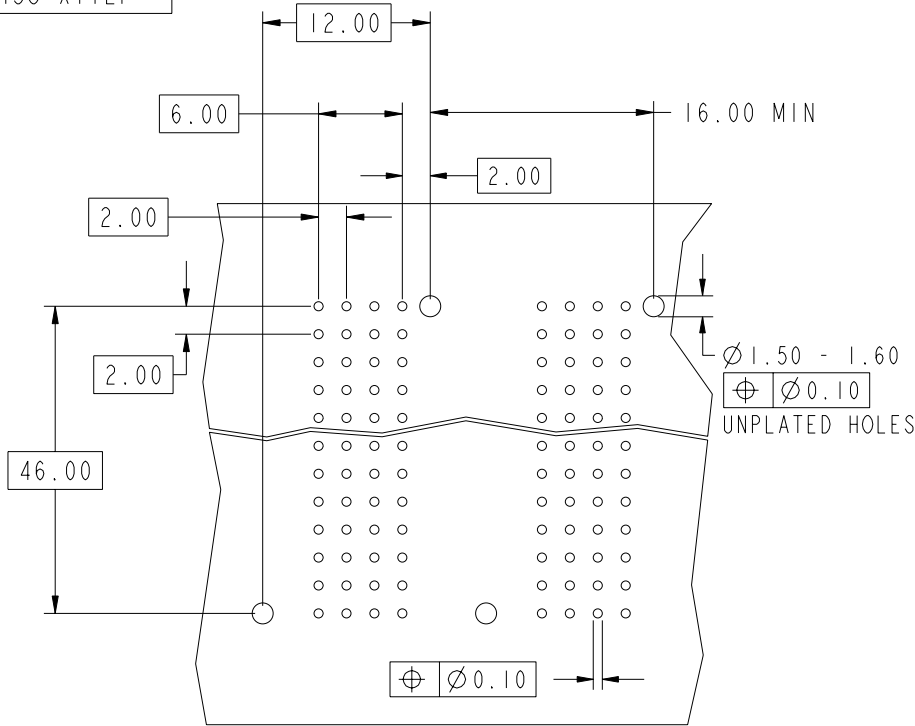
This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.



| 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 | | title METRAL POWER HEADER 4 MOD, 4 ROW STB | | product family | | code | | |
| A | V02642 | JWS | 10/17/00 | | 0.XX ± 0.13 | | | | projection | | | | size | | 213 | | |
| B | V10910 | CGD | 02/22/01 | | .XXX ± 0.051 | | | | scale 2:1 | | | | dwg no | | sheet | | |
| C | V12014 | JWS | 08/30/01 | angles | 0° ± 2° | | | | | | A | | 55438 | | 1 of 4 | | |
| D | V20812 | CGD | 04/26/02 | dr | T.BRUNGARD | 11/19/99 | | | | | | | | | | | |
| E | V21670 | TAB | 10/18/02 | enrg | M.STRAWSER | 11/19/99 | | | | | | | | | | | |
| F | V05-1131 | VS | 2/25/06 | chr | M.STRAWSER | 11/19/99 | | | | | | | | | | | |
| G | V06-0492 | DCH | 2006-05-23 | appd | M.STRAWSER | 02/29/00 | | | | | | | | | | | |
| sheet | revision | G | G | G | G | | | | | | | | | | | | |
| index | sheet | 1 | 2 | 3 | 4 | | | | | | | | | | | | |

| |
|----------------|
| PRODUCT NUMBER |
| 55438-XYX |
| 55438-XYXLF |



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:
55438-XYX IS SnPb
55438-XYXLF 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-XXXPLF.
 - 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: 55438-XYXLF
 - ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260° FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

| | | | | | | | | | | | | | |
|-------------|----------------|----|------|--------|-------------|---------------------------------------|-------|----------|------------|---|-------|--------------------|--|
| 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 | | | |
| G | | | | | 0.XX ±0.13 | | MM | | | METRAL POWER HEADER 4 MOD, 4 ROW STB | | | |
| | | | | | .XXX ±0.051 | | MM | | | product family METRAL code | | | |
| | | | | angles | 0° ±2° | | scale | | size | | 213 | | |
| | | | | dr | T.BRUNGARD | 11/19/99 | 1:1 | | dwg no | | sheet | | |
| | | | | engr | M.STRAWSER | 11/19/99 | | | A | | 2 | | |
| | | | | chr | M.STRAWSER | 11/19/99 | | | 55438 | | | | |
| | | | | appd | M.STRAWSER | 02/29/00 | | | | | | | |
| sheet index | revision sheet | | | | | | | | | cage code | 22526 | | |
| | | | | | | | | | | | 4 | | |



This document is the property of and embodies
 CONFIDENTIAL and PROPRIETARY information of FCI.
 No part of the information shown on this
 document may be used in any way or disclosed
 to others without the written consent of FCI.
 Copyright FCI.

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X01 SEE NOTE 9 LEAD FREE OPTION | D | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | C | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | B | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | A | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X02 SEE NOTE 9 LEAD FREE OPTION | D | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | C | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | B | P04 | P04 | P04 | P04 | P04 | P04 | P04 | P04 |
| | A | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X03 SEE NOTE 9 LEAD FREE OPTION | D | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | C | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | B | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | A | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X04 SEE NOTE 9 LEAD FREE OPTION | D | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | C | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | B | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | A | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X05 SEE NOTE 9 LEAD FREE OPTION | D | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | C | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | B | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |
| | A | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X06 SEE NOTE 9 LEAD FREE OPTION | D | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | C | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |
| | B | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |
| | A | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X07 SEE NOTE 9 LEAD FREE OPTION | D | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | C | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |
| | B | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |
| | A | P01 | P01 | P01 | P01 | P01 | P01 | P01 | P01 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X08 SEE NOTE 9 LEAD FREE OPTION | D | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | C | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | B | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |
| | A | P05 | P05 | P05 | P05 | P05 | P05 | P05 | P05 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X09 SEE NOTE 9 LEAD FREE OPTION | D | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |
| | C | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |
| | B | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |
| | A | P02 | P02 | P02 | P02 | P02 | P02 | P02 | P02 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X10 SEE NOTE 9 LEAD FREE OPTION | D | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |
| | C | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |
| | B | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |
| | A | P03 | P03 | P03 | P03 | P03 | P03 | P03 | P03 |

| | | | | | | | | | | |
|-------------|----------------|----|------|---------------------------------------|--------------|-----------------------|-------|--|---|------------------------|
| 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 4 MOD, 4 ROW STB | product family METRAL code 213 | |
| G | | | | | 0.XX ± 0.13 | projection | | | | size A 55438 |
| | | | | | .XXX ± 0.051 | angles 0° ± 2° | | | | |
| | | | | dr | T.BRUNGARD | 11/19/99 | scale | | cage code 22526 | |
| | | | | enr | M.STRAWSER | 11/19/99 | 1:1 | | | |
| | | | | chr | M.STRAWSER | 11/19/99 | | | | |
| | | | | appd | M.STRAWSER | 02/29/00 | | | | |
| sheet index | revision sheet | | | | | | | | | |



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X11 SEE NOTE 9 LEAD FREE OPTION | D | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | C | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | B | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | A | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X12 SEE NOTE 9 LEAD FREE OPTION | D | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | C | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | B | P11 | P11 | P11 | P11 | P11 | P11 | P11 | P11 |
| | A | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X13 SEE NOTE 9 LEAD FREE OPTION | D | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | C | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | B | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |
| | A | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X14 SEE NOTE 9 LEAD FREE OPTION | D | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | C | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | B | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | A | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X15 SEE NOTE 9 LEAD FREE OPTION | D | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |
| | C | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |
| | B | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |
| | A | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X16 SEE NOTE 9 LEAD FREE OPTION | D | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |
| | C | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |
| | B | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |
| | A | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X17 SEE NOTE 9 LEAD FREE OPTION | D | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | C | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | B | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | A | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X18 SEE NOTE 9 LEAD FREE OPTION | D | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | C | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | B | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | A | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X19 SEE NOTE 9 LEAD FREE OPTION | D | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | C | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |
| | B | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |
| | A | P12 | P12 | P12 | P12 | P12 | P12 | P12 | P12 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | MOD. 2 | | MOD. 3 | | MOD. 4 | |
|--|-----|---------------------|-----|--------|-----|--------|-----|--------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 55438-X20 SEE NOTE 9 LEAD FREE OPTION | D | P13 | P13 | P13 | P13 | P13 | P13 | P13 | P13 |
| | C | P14 | P14 | P14 | P14 | P14 | P14 | P14 | P14 |
| | B | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |
| | A | P15 | P15 | P15 | P15 | P15 | P15 | P15 | P15 |

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