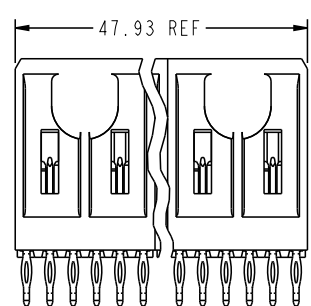
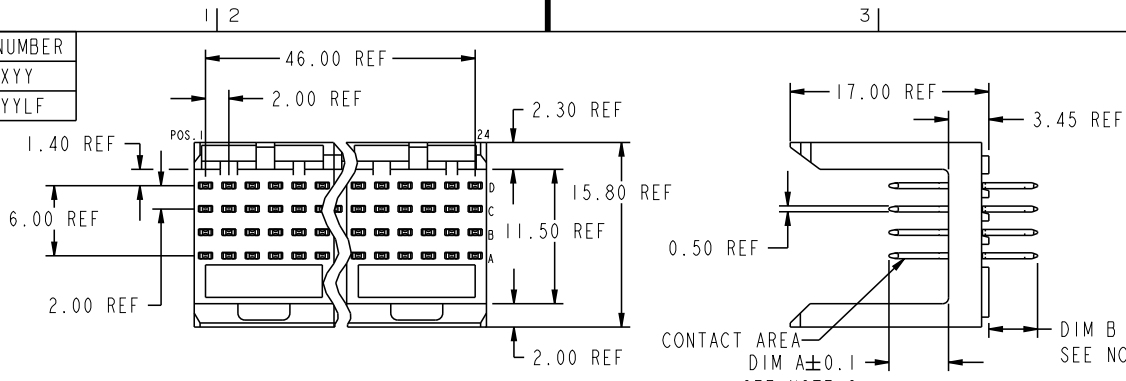


|                |
|----------------|
| PRODUCT NUMBER |
| 70234-XYX      |
| 70234-XYXLF    |



| PLATING IN CONTACT AREA |                                   |             |
|-------------------------|-----------------------------------|-------------|
| DASH NUMBER             | PERFORMANCE LEVEL                 | NOTES       |
| -Ayy                    | TELCORDIA CO                      | SEE NOTE 9  |
| -Myy                    | .38um GOLD MIN.                   | -           |
| -NyYy                   | TELCORDIA CO (NXT)                | -           |
| -NSyy                   | TELCORDIA UE (NXT)                | -           |
| -Iyy                    | TELCORDIA CO                      | -           |
| -2yy                    | TELECOM CLASS                     | -           |
| -3yy                    | IEC CLASS 1                       | -           |
| -5yy                    | TELCORDIA UE                      | -           |
| -AYYLF                  | TELCORDIA CO                      | SEE NOTE 10 |
| -NIYYLF                 | TELCORDIA CO (NXT)<br>IEC CLASS 1 | SEE NOTE 10 |
| -NSYYLF                 | TELCORDIA UE (NXT)                | SEE NOTE 10 |
| -IYYLF                  | TELCORDIA CO<br>IEC CLASS 1       | SEE NOTE 10 |
| -2YYLF                  | TELECOM CLASS                     | SEE NOTE 10 |
| -5YYLF                  | TELCORDIA UE                      | SEE NOTE 10 |

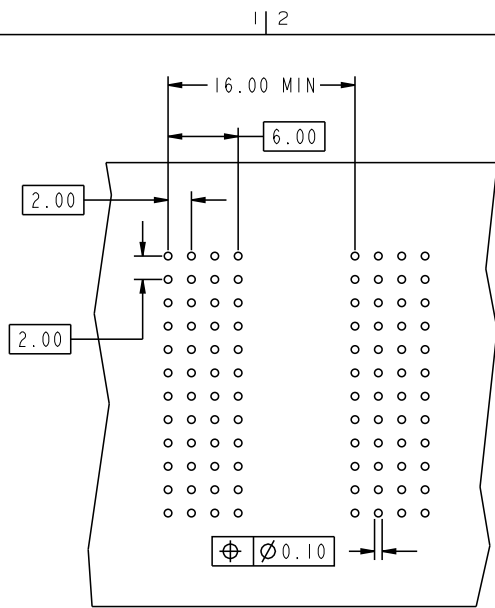
|             |                |     |            |                                       |             |            |   |                     |   |   |    |                           |    |           |  |  |  |
|-------------|----------------|-----|------------|---------------------------------------|-------------|------------|---|---------------------|---|---|----|---------------------------|----|-----------|--|--|--|
| mat'l code  |                |     |            | tolerances unless otherwise specified |             |            |   | CUSTOMER            |   |   |    | FCJ<br>www.fcjconnect.com |    |           |  |  |  |
| ltr         | ecr no.        | dr  | date       | linear                                | 0.X ± 0.3   | projection |   | COPY                |   |   |    | title                     |    |           |  |  |  |
| AG          | V06-0498       | DCH | 2006-05-31 |                                       | 0.XX ± 0.13 |            |   | METAL SIGNAL HEADER |   |   |    | 4 MOD, 4 ROW PRESS-FIT    |    |           |  |  |  |
| AH          | DG09-0256      | TER | 2009-08-19 | angles                                | .XXX ± .051 |            |   | MM                  |   |   |    | product family            |    |           |  |  |  |
| AC          | V04-0554       | TAB | 06/07/04   | dr                                    | 0° ± 2°     |            |   | 2:1                 |   |   |    | METRAL                    |    |           |  |  |  |
| AD          | V05-0079       | HTB | 02/03/05   | engr                                  |             |            |   | size                |   |   |    | dwg no                    |    |           |  |  |  |
| AE          | V05-0359       | DAI | 04/21/05   | chr                                   |             |            |   | 70234               |   |   |    | 213                       |    |           |  |  |  |
| AF          | V05-1030       | LP  | 11/18/05   | oppd                                  |             |            |   |                     |   |   |    | 1 of 12                   |    |           |  |  |  |
| sheet index | revision sheet | 1   | 2          | 3                                     | 4           | 5          | 6 | 7                   | 8 | 9 | 10 | 11                        | 12 | code code |  |  |  |
|             |                |     |            |                                       |             |            |   |                     |   |   |    |                           |    | 22526     |  |  |  |



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



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



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           |
| 9    | 5.00            | 17.00           |
| 10   | 5.75            | 17.00           |
| 11   | 6.50            | 17.00           |
| 12   | 7.25            | 17.00           |
| 13   | 8.25            | 4.30            |
| 14   | 8.25            | 13.60           |
| 15   | 8.25            | 17.00           |
| 19   | 8.00            | 4.30            |
| 20   | 8.00            | 13.60           |
| 21   | 8.00            | 17.00           |

|             |                |    |      |                                       |                      |            |      |                        |                      |                    |       |
|-------------|----------------|----|------|---------------------------------------|----------------------|------------|------|------------------------|----------------------|--------------------|-------|
| mat'l code  |                | -- |      | tolerances unless otherwise specified |                      | CUSTOMER   |      | FCJ                    |                      | www.fcjconnect.com |       |
| lfr         | ecm no.        | dr | date | linear                                | 0.XX ±0.13           | projection | COPY | title                  | METRAL SIGNAL HEADER |                    |       |
| AH          |                |    |      |                                       | .XXX ±.051           | MM         |      | 4 MOD, 4 ROW PRESS-FIT |                      |                    |       |
|             |                |    |      | angles                                | 0° ±2°               | MM         |      | product family         | METRAL               | code               | 213   |
|             |                |    |      | dr                                    | T. BRUNGARD 11/19/99 | MM         |      | size                   | dwg no               | 70234              | sheet |
|             |                |    |      | engr                                  | M. STRAWSER 11/19/99 | MM         |      | scale                  | 1:1                  |                    | 2     |
|             |                |    |      | chr                                   | M. STRAWSER 11/19/99 | MM         |      |                        |                      |                    |       |
|             |                |    |      | oppd                                  | M. STRAWSER 02/29/00 | MM         |      |                        |                      |                    |       |
| sheet index | revision sheet |    |      |                                       |                      |            |      |                        |                      |                    |       |
|             |                |    |      |                                       |                      |            |      | code code              | 22526                |                    |       |

PDM: Rev:AH

STATUS:Released

Printed: Feb 20, 2010



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 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X10<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | 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  |
|   | C   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | B   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | 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  |
| 70234-X11<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 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  |    |
|   | B   | 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  |    |
| 70234-X12<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 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  |    |
|   | B   | 1                   | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  |    |
|   | A   | 3                   | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |
| 70234-X13<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                   | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |
|   | C   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |
|   | B   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |
|   | A   | 3                   | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |
| 70234-X14<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                   | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |
|   | C   | 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  |    |
|   | A   | 4                   | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  | 4  |    |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X15<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 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  |
|   | B   | 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  |
| 70234-X16<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | C   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | B   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | A   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 70234-X17<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                   | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  |
|   | C   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | B   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | A   | 1                   | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| 70234-X18<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 3                   | 3 | 3 | 3 | 3 | 3      | 3 | 3 | 3 | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  | 3  |
|   | C   | 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  |
|   | A   | 1                   | 1 | 1 | 1 | 1 | 1      | 1 | 1 | 1 | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| 70234-X19<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                   | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
|   | C   | 4                   | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
|   | B   | 4                   | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
|   | A   | 4                   | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  | 4  |

|             |                |    |      |                                       |                      |            |                |                      |  |
|-------------|----------------|----|------|---------------------------------------|----------------------|------------|----------------|----------------------|--|
| mat'l code  |                | -- |      | tolerances unless otherwise specified |                      | CUSTOMER   |                | FCI                  |  |
| lfr         | ecn no.        | dr | date | linear                                | 0.X ±0.13            | projection | COPY           | www.fciconnect.com   |  |
| AH          |                |    |      | angles                                | .XXX ±.051           |            | title          | METRAL SIGNAL HEADER |  |
|             |                |    |      | dr                                    | 0° ±2°               | MM         | product family | METRAL               |  |
|             |                |    |      | eng                                   | T. BRUNGARD 11/19/99 | scale      | size           | dwg no               |  |
|             |                |    |      | chr                                   | M. STRAWSER 11/19/99 | 1:1        | A              | 70234                |  |
|             |                |    |      | appd                                  | M. STRAWSER 02/29/00 |            |                | sheet 3              |  |
| sheet index | revision sheet |    |      |                                       |                      |            |                | cage code 22526      |  |



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 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X20<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | C   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | B   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | 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  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X21<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | C   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | B   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | A   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X22<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | C   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | B   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | A   | 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 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X23<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                   | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  | 7      | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7  | 7  |
|   | C   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | B   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | A   | 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 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X24<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 8                   | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  | 8      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  | 8  |
|   | C   | 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  |
|   | A   | 8                   | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  | 8      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  | 8  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X25<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 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  |
|   | B   | 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  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X26<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | C   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | B   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | A   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X27<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                   | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  | 7      | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7  | 7  |
|   | C   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | B   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | A   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X28<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 7                   | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  | 7      | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7  | 7  |
|   | C   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | B   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | A   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X29<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 8                   | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  | 8      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  | 8  |
|   | C   | 8                   | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  | 8      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  | 8  |
|   | B   | 8                   | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  | 8      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  | 8  |
|   | A   | 8                   | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  | 8      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  | 8  |

|             |                |    |      |                                       |                      |            |                |                      |       |
|-------------|----------------|----|------|---------------------------------------|----------------------|------------|----------------|----------------------|-------|
| mat'l code  |                | -- |      | tolerances unless otherwise specified |                      | CUSTOMER   |                |                      |       |
| lfr         | ecn no.        | dr | date | linear                                | 0. x ±0.13           | projection | COPY           | www.fciconnect.com   |       |
| AH          |                |    |      | angles                                | .xxx ±.051           |            | title          | METRAL SIGNAL HEADER |       |
|             |                |    |      | dr                                    | 0° ±2°               | MM         | product family | METRAL               |       |
|             |                |    |      | eng                                   | T. BRUNGARD 11/19/99 | scale      | size           | dwg no               |       |
|             |                |    |      | chr                                   | M. STRAWSER 11/19/99 | 1:1        | 70234          |                      | 213   |
|             |                |    |      | appd                                  | M. STRAWSER 02/29/00 |            | sheet          |                      | 4     |
| sheet index | revision sheet |    |      |                                       |                      |            | cage code      |                      | 22526 |





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  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X40<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | C   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | B   | 4                   | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
|   | A   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
| 70234-X41<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  |    |
|   | C   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  |    |
|   | B   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  |    |
|   | A   | 4                   | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  |    |
| 70234-X42<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 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  |    |
|   | B   | 1                   | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  |    |
|   | A   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  |    |
| 70234-X43<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 13                  | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13 | 13 |    |
|   | C   | 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  |    |
|   | A   | 3                   | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  |    |
| 70234-X44<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  |    |
|   | C   | 3                   | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  |    |
|   | B   | 4                   | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  |    |
|   | A   | 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 |    |    |    |    |    |    |
|---|-----|---------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|
|   |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 |
| 70234-X45<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 1                   | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1      | 1  | 1  | 1  | 1  | 1  | 1  |
|   | C   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  |
|   | B   | 3                   | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  |
|   | A   | 4                   | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  |
| 70234-X46<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                  | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 |
|   | C   | 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  |
|   | A   | 3                   | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  |
| 70234-X47<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                   | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  |
|   | C   | 4                   | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  |
|   | B   | 13                  | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13 | 13 |
|   | A   | 13                  | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13     | 13 | 13 | 13 | 13 | 13 | 13 |
| 70234-X48<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                  | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 |
|   | C   | 19                  | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 |
|   | B   | 19                  | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 |
|   | A   | 19                  | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 |
| 70234-X49<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                   | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  |
|   | C   | 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  |
|   | A   | 3                   | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3      | 3  | 3  | 3  | 3  | 3  | 3  |

|             |                |    |      |                                       |                      |            |                            |  |  |
|-------------|----------------|----|------|---------------------------------------|----------------------|------------|----------------------------|--|--|
| mat'l code  |                | -- |      | tolerances unless otherwise specified |                      | CUSTOMER   |                            |  |  |
| lfr         | ecn no.        | dr | date | linear                                | 0. XX ±0.13          | projection | www.fciconnect.com         |  |  |
| AH          |                |    |      | angles                                | .XXX ±.051           |            | title METRAL SIGNAL HEADER |  |  |
|             |                |    |      | dr                                    | T. BRUNGARD 11/19/99 | MM         | product family METRAL code |  |  |
|             |                |    |      | eng                                   | M. STRAWSER 11/19/99 | scale      | size dwg no                |  |  |
|             |                |    |      | chr                                   | M. STRAWSER 11/19/99 | 1:1        | 70234                      |  |  |
|             |                |    |      | appd                                  | M. STRAWSER 02/29/00 | A          | sheet 213                  |  |  |
| sheet index | revision sheet |    |      |                                       |                      |            | 6                          |  |  |
|             |                |    |      |                                       |                      |            | code code 22526            |  |  |



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 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X50<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | C   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | B   | 8                   | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  | 8      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |
|   | A   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X55<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | C   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | B   | 7                   | 7 | 7 | 7 | 7 | 7      | 7 | 7 | 7 | 7  | 7      | 7  | 7  | 7  | 7  | 7      | 7  | 7  | 7  | 7  | 7  | 7  | 7  |
|   | A   | 8                   | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  | 8      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  | 8  |

|             |                |    |      |                                       |                      |            |                        |                    |       |
|-------------|----------------|----|------|---------------------------------------|----------------------|------------|------------------------|--------------------|-------|
| mat'l code  |                | -- |      | tolerances unless otherwise specified |                      | CUSTOMER   |                        |                    |       |
| lfr         | ecn no.        | dr | date | linear                                | 0. x ±0.3            | projection | title                  | www.fciconnect.com |       |
| AH          |                |    |      | angles                                | 0. xx ±0.13          |            | METRAL SIGNAL HEADER   |                    |       |
|             |                |    |      | dr                                    | .xxx ±.051           | MM         | 4 MOD, 4 ROW PRESS-FIT |                    |       |
|             |                |    |      | eng                                   | 0° ±2°               | scale      | product family         | METRAL             | code  |
|             |                |    |      | chr                                   | T. BRUNGARD 11/19/99 | 1:1        | size                   | dwg no             | 213   |
|             |                |    |      | appd                                  | M. STRAWSER 11/19/99 |            |                        |                    | sheet |
| sheet index | revision sheet |    |      |                                       | M. STRAWSER 02/29/00 |            |                        |                    | 7     |

REV E - 2006-04-18

Pro/E 3 cage code 22526 4

PDM: Rev:AH STATUS:Released Printed: Feb 20, 2010





1 | 2

3 |

4

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X70<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 4                   | 4 | 4 | 4 | 4 | 4      | 4 | 4 | 4 | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
|   | C   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | B   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | A   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X75<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | C   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | B   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | 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  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X71<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | 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  |
|   | 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  |
|   | 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  |
|   | 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  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X76<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 19                  | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
|   | 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  |
|   | 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  |
|   | A   | 19                  | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X72<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | C   | 4                   | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
|   | B   | 4                   | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4      | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  |
|   | A   | 19                  | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X77<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                   | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | 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  |
|   | B   | 19                  | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19     | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
|   | 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  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X73<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | 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  |
|   | B   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | 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  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X78<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | 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  |
|   | 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  |
|   | 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  |
|   | 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  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X74<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | 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  |
|   | 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  |
|   | 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  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X79<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | 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  |
|   | C   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | B   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |
|   | A   | 2                   | 2 | 2 | 2 | 2 | 2      | 2 | 2 | 2 | 2  | 2      | 2  | 2  | 2  | 2  | 2      | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |

|             |         |                |      |        |                            |  |  |                                       |                      |  |  |          |                                |  |  |  |  |  |  |  |  |  |  |  |
|-------------|---------|----------------|------|--------|----------------------------|--|--|---------------------------------------|----------------------|--|--|----------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| mat'l code  |         |                |      | --     |                            |  |  | tolerances unless otherwise specified |                      |  |  | CUSTOMER |                                |  |  | www.fciconnect.com<br>title METRAL SIGNAL HEADER<br>4 MOD, 4 ROW PRESS-FIT |  |  |  |  |  |  |  |  |
| lfr         | ecn no. | dr             | date | linear | $0. X \pm 0.3$             |  |  |                                       | projection           |  |  |          |                                |  |  |  |  |  |  |  |  |  |  |  |
| AH          |         |                |      | angles | $0. XX \pm 0.13$           |  |  |                                       |                      |  |  |          |                                |  |  |  |  |  |  |  |  |  |  |  |
|             |         |                |      | dr     | $.XXX \pm .051$            |  |  |                                       | T. BRUNGARD 11/19/99 |  |  |          | product family METRAL code 213 |  |  |  |  |  |  |  |  |  |  |  |
|             |         |                |      | eng    | $\theta^\circ \pm 2^\circ$ |  |  |                                       | M. STRAWSER 11/19/99 |  |  |          | size dwg no 70234 sheet 9      |  |  |  |  |  |  |  |  |  |  |  |
|             |         |                |      | chr    | scale                      |  |  |                                       | M. STRAWSER 11/19/99 |  |  |          | A                              |  |  |  |  |  |  |  |  |  |  |  |
|             |         |                |      | appd   | 1:1                        |  |  |                                       | M. STRAWSER 02/29/00 |  |  |          |                                |  |  |  |  |  |  |  |  |  |  |  |
| sheet index |         | revision sheet |      |        |                            |  |  |                                       |                      |  |  |          |                                |  |  |  |  |  |  |  |  |  |  |  |

1 | 2

3 |

4

Pro/E

PDM: Rev:AH   
 STATUS: Released   
 Printed: Feb 20, 2010

coge 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.

REV 1 - 2004-04-18



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 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X80<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 8                   | 8 | 8 | 8 | 8 | 8      | 8 | 8 | 8 | 8  | 8      | 8  | 8  | 8  | 8  | 8      | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |
|   | C   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | B   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | A   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X85<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | C   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | B   | 6                   | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6  | 6      | 6  | 6  | 6  | 6  | 6      | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  |
|   | 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  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |   |   |   |   | MOD. 2 |   |   |   |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|---|---|---|---|--------|---|---|---|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2 | 3 | 4 | 5 | 6      | 7 | 8 | 9 | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X81<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | 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  |
|   | 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  |
|   | B   | 5                   | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | 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  |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |    |
|---|-----|---------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|----|
|   |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 70234-X86<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 20                  | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
|   | C   | 5                   | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | B   | 5                   | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5      | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
|   | A   | 20                  | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20     | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

|             |                |    |      |                                       |                      |            |                |          |  |  |                      |     |  |    |  |  |  |
|-------------|----------------|----|------|---------------------------------------|----------------------|------------|----------------|----------|--|--|----------------------|-----|--|----|--|--|--|
| mat'l code  |                |    |      | tolerances unless otherwise specified |                      |            |                | CUSTOMER |  |  |                      | FCI |  |    |  |  |  |
| lfr         | ecm no.        | dr | date | linear                                | 0. x ± 0.3           | projection | COPY           |          |  |  | www.fciconnect.com   |     |  |    |  |  |  |
| AH          |                |    |      | linear                                | 0. xx ± 0.13         |            | title          |          |  |  | METRAL SIGNAL HEADER |     |  |    |  |  |  |
|             |                |    |      | angles                                | .xxx ± .051          |            | product family |          |  |  | METRAL               |     |  |    |  |  |  |
|             |                |    |      | dr                                    | T. BRUNGARD 11/19/99 | MM         | size           |          |  |  | dwg no               |     |  |    |  |  |  |
|             |                |    |      | eng                                   | M. STRAWSER 11/19/99 | scale      | A              |          |  |  | 70234                |     |  |    |  |  |  |
|             |                |    |      | chr                                   | M. STRAWSER 11/19/99 | 1:1        |                |          |  |  | 213                  |     |  |    |  |  |  |
|             |                |    |      | appd                                  | M. STRAWSER 02/29/00 |            |                |          |  |  | sheet                |     |  |    |  |  |  |
| sheet index | revision sheet |    |      |                                       |                      |            |                |          |  |  |                      |     |  | 10 |  |  |  |



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  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X90<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 12                  | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
|   | C   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | B   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | A   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 70234-X91<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
|   | C   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
|   | B   | 9                   | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  | 9  | 9  |
|   | A   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70234-X92<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | C   | 12                  | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
|   | B   | 12                  | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12     | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
|   | A   | 21                  | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 70234-X93<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | C   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
|   | B   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | A   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70234-X94<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | C   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
|   | B   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
|   | A   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |

| METRAL P/N                                      | ROW | CONTACT CODE MOD. 1 |    |    |    |    | MOD. 2 |    |    |    |    | MOD. 3 |    |    |    |    | MOD. 4 |    |    |    |    |    |    |    |
|---|-----|---------------------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|--------|----|----|----|----|----|----|----|
|   |     | 1                   | 2  | 3  | 4  | 5  | 6      | 7  | 8  | 9  | 10 | 11     | 12 | 13 | 14 | 15 | 16     | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 70234-X95<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | C   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | B   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | A   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70234-X96<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 21                  | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
|   | C   | 9                   | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  | 9  | 9  |
|   | B   | 9                   | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  | 9  | 9  |
|   | A   | 21                  | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 70234-X97<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | C   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
|   | B   | 21                  | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21     | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
|   | A   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70234-X98<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 9                   | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  | 9  | 9  |
|   | C   | 9                   | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  | 9  | 9  |
|   | B   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
|   | A   | 9                   | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9      | 9  | 9  | 9  | 9  | 9  | 9  | 9  |
| 70234-X99<br>SEE NOTE 11<br>LEAD FREE<br>OPTION | D   | 11                  | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11     | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
|   | C   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | B   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|   | A   | 10                  | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10     | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

|             |                |    |      |                                       |                      |            |           |                            |       |  |
|-------------|----------------|----|------|---------------------------------------|----------------------|------------|-----------|----------------------------|-------|--|
| mat'l code  |                | -- |      | tolerances unless otherwise specified |                      | CUSTOMER   |           | www.fciconnect.com         |       |  |
| lfr         | ecn no.        | dr | date | linear                                | 0, X ±0, 3           | projection |           | title                      |       |  |
| AH          |                |    |      |                                       | 0, XX ±0, 13         | MM         |           | METRAL SIGNAL HEADER       |       |  |
|             |                |    |      | angles                                | ...XXX ±, 051        | scale      |           | 4 MOD, 4 ROW PRESS-FIT     |       |  |
|             |                |    |      | dr                                    | T. BRUNGARD 11/19/99 |            |           | product family METRAL code |       |  |
|             |                |    |      | eng                                   | M. STRAWSER 11/19/99 | A          | size      | dwg no                     |       |  |
|             |                |    |      | chr                                   | M. STRAWSER 11/19/99 | 1:1        | 70234     |                            | 213   |  |
|             |                |    |      | appd                                  | M. STRAWSER 02/29/00 |            | sheet     |                            | 11    |  |
| sheet index | revision sheet |    |      |                                       |                      |            | cage code |                            | 22526 |  |

1 | 2

3 |

4

|                |
|----------------|
| PRODUCT NUMBER |
| 70234-XYX      |
| 70234-XYXLF    |

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL  
POLYMER 30 % GLASS.  
FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL:  
PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:  
70234 -XYX IS SnPb  
70234-XYXLF IS SN (LEAD FREE)  
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE  
LEVEL SHOWN IN TABLE.
5. PRODUCT MARKING:  
PART NUMBER DESIGNATION & BATCH I.D.
6. 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
7. PRODUCT SPECIFICATION GS-12-180  
APPLICATION SPECIFICATION BUS-20-073
- 8 AFTER INSERTION INTO CIRCUIT BOARD WITH  
QUALIFIED TOOL.
- 9 -A PLATING HAS Au FLASH IN PRESS FIT  
AREA (LEAD FREE).
- 10 THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE  
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-22-008.
- 11 FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.  
EXAMPLE: 70234-X01LF
12. ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING  
(DRAWING NO.)-N1--- OR (DRAWING NO.)-N5--- WILL WITHSTAND EXPOSURE  
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR  
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1---  
AND (DRAWINGS NO.)-N5--- WILL NOT WITHSTAND REFLOW AND Au CONTACT  
SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR  
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

A

A



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.

B

B

|             |                |    |      |                                       |                      |            |                |     |                            |                    |  |
|-------------|----------------|----|------|---------------------------------------|----------------------|------------|----------------|-----|----------------------------|--------------------|--|
| mat'l code  |                | -- |      | tolerances unless otherwise specified |                      | CUSTOMER   |                | FCI |                            | www.fciconnect.com |  |
| ltr         | ecm no.        | dr | date | linear                                | 0, X ±0,3            | projection | COPY           |     | title METRAL SIGNAL HEADER |                    |  |
| AH          |                |    |      |                                       | 0, XX ±0,13          |            |                |     | 4 MOD, 4 ROW PRESS-FIT     |                    |  |
|             |                |    |      | angles                                | .XXX ±.051           |            | product family |     | METRAL code                |                    |  |
|             |                |    |      | dr                                    | T. BRUNGARD 11/19/99 | scale      | size           |     | 213                        |                    |  |
|             |                |    |      | eng                                   | M. STRAWSER 11/19/99 | 1:1        | dwg no         |     | sheet                      |                    |  |
|             |                |    |      | chr                                   | M. STRAWSER 11/19/99 |            | 70234          |     | 12                         |                    |  |
|             |                |    |      | oppd                                  | M. STRAWSER 02/29/00 |            | A              |     |                            |                    |  |
| sheet index | revision sheet |    |      |                                       |                      |            |                |     |                            |                    |  |

1 | 2

3 |

4

Pro/E

cage code 22526

**PDM: Rev:AH** STATUS:Released Printed: Feb 20, 2010

REV E - 2006-04-18