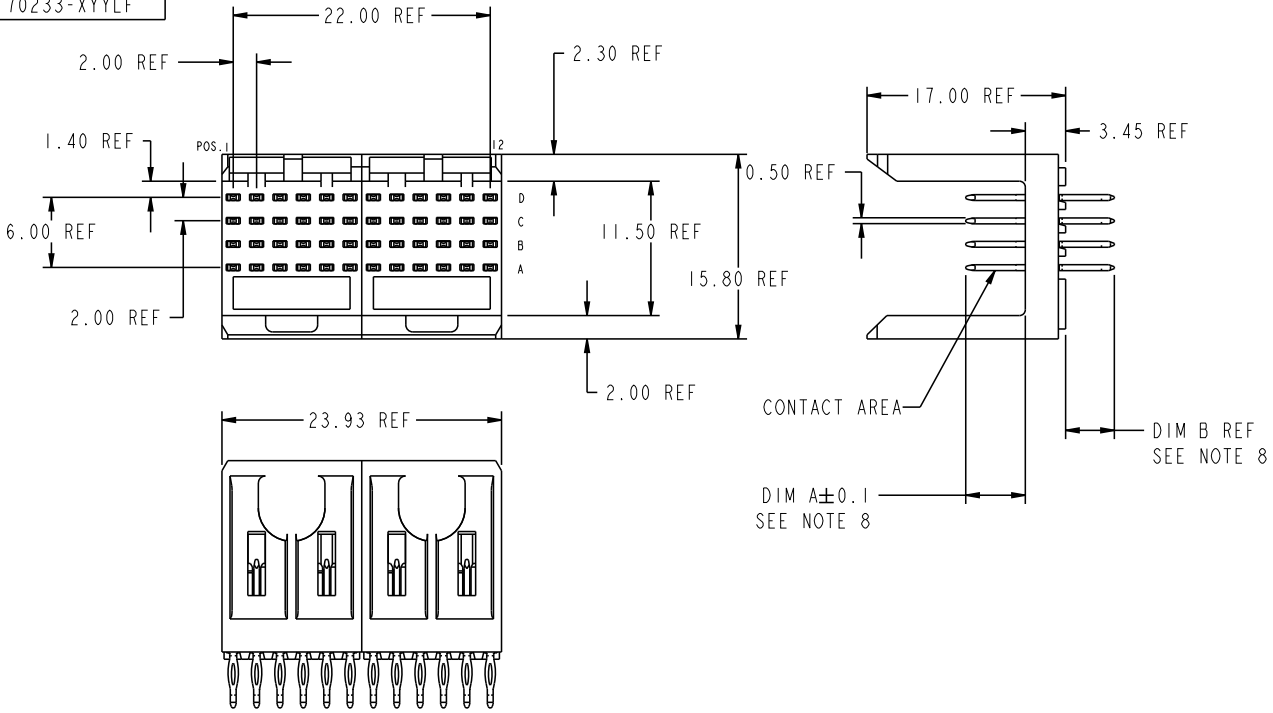


| |
|----------------|
| PRODUCT NUMBER |
| 70233-XYX |
| 70233-XYXLF |



| | | | | | | | | | | | |
|-------------|-----------|-----|------------|---------------------------------------|------------|----------|-----|------------|----------------|------------------------|------|
| mat'l code | | | | tolerances unless otherwise specified | | | | CUSTOMER | | FCJ | |
| lfr | ecm no. | dr | date | 0.X ±0.3 | | | | COPY | | www.fciconnect.com | |
| AF | V06-0498 | DCH | 2006-05-30 | 0.XX ±0.13 | | | | projection | | title | |
| AG | DG09-0256 | TER | 2009-08-19 | .XXX ±.051 | | | | | | METRAL SIGNAL HEADER | |
| - | - | - | - | angles | | | | | | 2 MOD, 4 ROW PRESS-FIT | |
| AB | V04-0554 | TAB | 06/07/04 | dr | T.BRUNGARD | 11/19/99 | MM | | product family | METRAL | code |
| AC | V05-0079 | HTB | 02/03/05 | enr | M.STRAWER | 11/19/99 | 2:1 | | size | dwg no | 213 |
| AD | V05-0030 | DAI | 02/10/05 | chr | M.STRAWER | 11/19/99 | A | | 70233 | | |
| AE | V05-1030 | LP | 11/18/05 | oppd | M.STRAWER | 02/29/00 | 9 | | 1 of 9 | | |
| sheet index | revision | AG | AG | AG | AG | AG | AG | AG | AG | AG | AG |
| | sheet | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| | | | | | | | | code code | | 22526 | |



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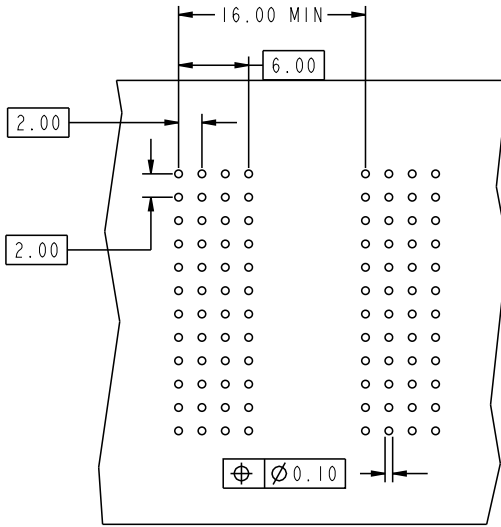


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1 | 2

3 |

4



REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

| KEY | | |
|------|-----------------|-----------------|
| CODE | DIMENSIONS | |
| | DIM "A" MATE | DIM "B" 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 |

A

A

| | | | | | | | | | | | | | | |
|-------------|----------------|----|------|---------------------------------------|----------------------|--|--|----------|------------|-------|------------------------|--------------------|--------|--|
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| ltr | ecm no. | dr | date | 0.X ±0.3 | | | | COPY | | title | | | | |
| AG | | | | linear | 0.XX ±0.13 | | | | projection | | METRAL SIGNAL HEADER | | | |
| | | | | angles | .XXX ±.051 | | | | MM | | 2 MOD, 4 ROW PRESS-FIT | | | |
| | | | | dr | ° ±2° | | | | MM | | product family | | METRAL | |
| | | | | engr | T. BRUNGARD 11/19/99 | | | | scale | | size | | code | |
| | | | | chr | M. STRAWSER 11/19/99 | | | | 1:1 | | dwg no | | 213 | |
| | | | | oppd | M. STRAWSER 02/29/00 | | | | A | | 70233 | | sheet | |
| sheet index | revision sheet | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

B

B

1 | 2

Pro/E

3 |

4

code code 22526

PDM: Rev:AG

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| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | MOD. 2 | | | |
|---|-----|---------------------|---|---|---|--------|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X25 SEE NOTE 11 LEAD FREE OPTION | D | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | C | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | B | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | A | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 70233-X26 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | B | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | A | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 70233-X27 SEE NOTE 11 LEAD FREE OPTION | D | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | B | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | A | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 70233-X28 SEE NOTE 11 LEAD FREE OPTION | D | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | C | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | B | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | A | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 70233-X29 SEE NOTE 11 LEAD FREE OPTION | D | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | C | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | B | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | A | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | MOD. 2 | | | |
|---|-----|---------------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X30 SEE NOTE 11 LEAD FREE OPTION | D | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | B | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70233-X31 SEE NOTE 11 LEAD FREE OPTION | D | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | C | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | B | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | A | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 70233-X32 SEE NOTE 11 LEAD FREE OPTION | D | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | C | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | B | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70233-X33 SEE NOTE 11 LEAD FREE OPTION | D | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | B | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70233-X34 SEE NOTE 11 LEAD FREE OPTION | D | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | C | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | B | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | A | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | MOD. 2 | | | |
|---|-----|---------------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X35 SEE NOTE 11 LEAD FREE OPTION | D | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | C | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | B | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70233-X36 SEE NOTE 11 LEAD FREE OPTION | D | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | B | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | A | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 70233-X37 SEE NOTE 11 LEAD FREE OPTION | D | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | B | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | A | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 70233-X38 SEE NOTE 11 LEAD FREE OPTION | D | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | C | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | B | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | A | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 70233-X39 SEE NOTE 11 LEAD FREE OPTION | D | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | C | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | B | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | A | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |

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| lfr | ecn no. | dr | date | linear | 0.X ±0.3 | projection | www.fciconnect.com | title | |
| AG | | | | angles | 0.XX ±0.13 | | METRAL SIGNAL HEADER | | |
| | | | | | .XXX ±.051 | | 2 MOD, 4 ROW PRESS-FIT | | |
| | | | | dr | T. BRUNGARD 11/19/99 | scale | product family | METRAL | code |
| | | | | eng | M. STRAWSER 11/19/99 | 1:1 | size | dwg no | 213 |
| | | | | chr | M. STRAWSER 11/19/99 | | | | sheet |
| | | | | appd | M. STRAWSER 02/29/00 | | | | 4 |
| sheet index | revision sheet | | | | | | | | |



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|---|-----|----------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X40 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | B | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | A | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 70233-X41 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | B | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | A | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 70233-X42 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | C | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | B | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | A | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 70233-X43 SEE NOTE 11 LEAD FREE OPTION | D | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| | C | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 70233-X44 SEE NOTE 11 LEAD FREE OPTION | D | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | C | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT MOD. 1 | | | | MOD. 2 | | | |
|---|-----|----------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X45 SEE NOTE 11 LEAD FREE OPTION | D | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | C | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 70233-X46 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | C | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 70233-X47 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | C | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | B | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| | A | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 70233-X48 SEE NOTE 11 LEAD FREE OPTION | D | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | C | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | B | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | A | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| 70233-X49 SEE NOTE 11 LEAD FREE OPTION | D | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | C | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | A | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

| METRAL P/N | ROW | CONTACT MOD. 1 | | | | MOD. 2 | | | |
|---|-----|----------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X50 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | B | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | A | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 70233-X51 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | B | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | A | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 70233-X52 SEE NOTE 11 LEAD FREE OPTION | D | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | C | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | B | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | A | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 70233-X53 SEE NOTE 11 LEAD FREE OPTION | D | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| | C | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | B | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | A | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 70233-X54 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | B | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | A | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

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| mat'l code | | -- | | tolerances unless otherwise specified | | CUSTOMER | | www.fciconnect.com | |
| lfr | ecn no. | dr | date | linear | 0.X ±0.3 | projection | title | METRAL SIGNAL HEADER | |
| AG | | | | angles | .xxx ±.051 | | 2 MOD, 4 ROW PRESS-FIT | | |
| | | | | dr | 0° ±2° | | product family | METRAL | |
| | | | | eng | T. BRUNGARD 11/19/99 | | size | dwg no | 213 |
| | | | | ctr | M. STRAWSER 11/19/99 | | A | 70233 | sheet |
| | | | | appd | M. STRAWSER 02/29/00 | scale | 1:1 | | |
| sheet index | revision sheet | | | | | | | | |

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| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | MOD. 2 | | | |
|---|-----|---------------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X55 SEE NOTE 11 LEAD FREE OPTION | D | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | B | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | A | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 70233-X56 SEE NOTE 11 LEAD FREE OPTION | D | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | C | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | B | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | A | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 70233-X57 SEE NOTE 11 LEAD FREE OPTION | D | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | C | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | B | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| | A | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 70233-X58 SEE NOTE 11 LEAD FREE OPTION | D | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | C | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | B | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | A | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 70233-X59 SEE NOTE 11 LEAD FREE OPTION | D | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | C | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | B | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | A | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | MOD. 2 | | | |
|---|-----|---------------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X60 SEE NOTE 11 LEAD FREE OPTION | D | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | B | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | A | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 70233-X61 SEE NOTE 11 LEAD FREE OPTION | D | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | B | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | A | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 70233-X62 SEE NOTE 11 LEAD FREE OPTION | D | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | C | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | B | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | A | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 70233-X63 SEE NOTE 11 LEAD FREE OPTION | D | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | C | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | B | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70233-X64 SEE NOTE 11 LEAD FREE OPTION | D | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | C | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | B | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | MOD. 2 | | | |
|---|-----|---------------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X65 SEE NOTE 11 LEAD FREE OPTION | D | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | B | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | A | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 70233-X66 SEE NOTE 11 LEAD FREE OPTION | D | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| | C | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | B | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70233-X67 SEE NOTE 11 LEAD FREE OPTION | D | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | C | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | B | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | A | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 70233-X68 SEE NOTE 11 LEAD FREE OPTION | D | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| | C | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| | B | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| | A | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 70233-X69 SEE NOTE 11 LEAD FREE OPTION | D | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | C | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | B | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |

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| lfr | ecn no. | dr | date | linear | 0.X ±0.13 | projection | title | METRAL SIGNAL HEADER | |
| AG | | | | angles | .XXX ±.051 | | 2 MOD, 4 ROW PRESS-FIT | | |
| | | | | dr | T.BRUNGARD 11/19/99 | | product family | METRAL | code |
| | | | | eng | M.STRAWER 11/19/99 | size | dwg no | 70233 | |
| | | | | ctr | M.STRAWER 11/19/99 | scale | A | sheet 6 | |
| | | | | appd | M.STRAWER 02/29/00 | 1:1 | | | |
| sheet index | revision sheet | | | | | | cage code 22526 | | |

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|---|-----|---------------------|----|----|----|----|--------|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X70 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |
| 70233-X71 SEE NOTE 11 LEAD FREE OPTION | D | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | C | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | B | 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 |
| 70233-X72 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |
| 70233-X73 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |
| 70233-X74 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | MOD. 2 | | | | | | |
|---|-----|---------------------|----|----|----|----|--------|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X75 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |
| 70233-X76 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |
| 70233-X77 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |
| 70233-X78 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |
| 70233-X79 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |

| METRAL P/N | ROW | CONTACT CODE MOD. 1 | | | | | MOD. 2 | | | | | | |
|---|-----|---------------------|----|----|----|----|--------|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 70233-X80 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |
| 70233-X81 SEE NOTE 11 LEAD FREE OPTION | D | 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 |
| | B | 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 |
| 70233-X82 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 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 |
| | A | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 70233-X83 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | B | 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 |
| 70233-X84 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 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 |
| | A | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

| | | | | | | | | | | | |
|-------------|----------|-------|------|---------------------------------------|----------------------|------------|------------------------|----------------------|--|--------------------|--|
| mat'l code | | -- | | tolerances unless otherwise specified | | CUSTOMER | | FCI | | www.fciconnect.com | |
| lfr | ecn no. | dr | date | linear | 0.X ±0.13 | projection | title | METRAL SIGNAL HEADER | | | |
| AG | | | | angles | .XXX ±.051 | | 2 MOD, 4 ROW PRESS-FIT | | | | |
| | | | | dr | T. BRUNGARD 11/19/99 | | product family | METRAL | | | |
| | | | | eng | M. STRAWSER 11/19/99 | size | dwg no | 213 | | | |
| | | | | chr | M. STRAWSER 11/19/99 | scale | 7 | | | | |
| | | | | appd | M. STRAWSER 02/29/00 | 1:1 | 70233 | | | | |
| sheet index | revision | sheet | | | | | | | | | |



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| METRAL P/N | ROW | CONTACT MOD. 1 | | | | MOD. 2 | | | |
|---|-----|----------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X85 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | B | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | A | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 70233-X86 SEE NOTE 11 LEAD FREE OPTION | D | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | C | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | B | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | A | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 70233-X87 SEE NOTE 11 LEAD FREE OPTION | D | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | C | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | B | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | A | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 70233-X88 SEE NOTE 11 LEAD FREE OPTION | D | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | C | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | B | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | A | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 70233-X89 SEE NOTE 11 LEAD FREE OPTION | D | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | B | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | A | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

| METRAL P/N | ROW | CONTACT MOD. 1 | | | | MOD. 2 | | | |
|---|-----|----------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X90 SEE NOTE 11 LEAD FREE OPTION | D | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | B | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | A | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 70233-X91 SEE NOTE 11 LEAD FREE OPTION | D | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | C | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | B | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70233-X92 SEE NOTE 11 LEAD FREE OPTION | D | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | C | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | B | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | A | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 70233-X93 SEE NOTE 11 LEAD FREE OPTION | D | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | C | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | B | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70233-X94 SEE NOTE 11 LEAD FREE OPTION | D | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | C | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | B | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |

| METRAL P/N | ROW | CONTACT MOD. 1 | | | | MOD. 2 | | | |
|---|-----|----------------|----|----|----|--------|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 70233-X95 SEE NOTE 11 LEAD FREE OPTION | D | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | B | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70233-X96 SEE NOTE 11 LEAD FREE OPTION | D | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| | C | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | B | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | A | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 70233-X97 SEE NOTE 11 LEAD FREE OPTION | D | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | C | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | B | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| | A | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 70233-X98 SEE NOTE 11 LEAD FREE OPTION | D | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | C | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | B | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | A | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 70233-X99 SEE NOTE 11 LEAD FREE OPTION | D | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | C | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | B | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | A | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

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

REV E - 2006-04-18

Pro/E

PDM: Rev:AG

STATUS:Released

Printed: Feb 20, 2010

code code 22526

1 | 2

3 |

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| |
|----------------|
| PRODUCT NUMBER |
| 70233-XYX |
| 70233-XYXLF |

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:
55422 -XYX IS SnPb
55422-XYXLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.

| PLATING IN CONTACT AREA | | |
|-------------------------|-----------------------------------|-------------|
| DASH NUMBER | PERFORMANCE LEVEL | NOTES |
| -AYX | TELCORDIA CO | SEE NOTE 9 |
| -N1YX | TELCORDIA CO (NXT) | - |
| -N5YX | TELCORDIA UE (NXT) | - |
| -1YX | TELCORDIA CO | - |
| -2YX | TELECOM CLASS | - |
| -3YX | IEC CLASS 1 | - |
| -5YX | TELCORDIA UE | - |
| -AYXLF | TELCORDIA CO | SEE NOTE 10 |
| -N1YXLF | TELCORDIA CO (NXT) IEC CLASS 1 | SEE NOTE 10 |
| -N5YXLF | TELCORDIA UE (NXT) | SEE NOTE 10 |
| -1YXLF | TELCORDIA CO IEC CLASS 1 | SEE NOTE 10 |
| -2YXLF | TELECOM CLASS | SEE NOTE 10 |
| -5YXLF | TELCORDIA UE | SEE NOTE 10 |

- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXP OR XXXXX-XXXP LF
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073

- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-N1--- OR (DRAWING NO.)-N5--- WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRARED 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.

- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 70233-X01LF

| | | | | | | | | | | | |
|-------------|----------------|----|------|---------------------------------------|---------------------|------------|------|----------------------------|--------|--------------------|-------|
| mat'l code | | -- | | tolerances unless otherwise specified | | CUSTOMER | | FCJ | | www.fcjconnect.com | |
| ltr | ecm no. | dr | date | linear | 0.X ±0.3 | projection | COPY | | | | |
| AG | | | | | 0.XX ±0.13 | | | title METRAL SIGNAL HEADER | | | |
| | | | | angles | .XXX ±.051 | | | 2 MOD, 4 ROW PRESS-FIT | | | |
| | | | | dr | T.BRUNGARD 11/19/99 | scale | | product family | METRAL | code | 213 |
| | | | | engr | M.STRAWSER 11/19/99 | 1:1 | | size | dwg no | | sheet |
| | | | | chr | M.STRAWSER 11/19/99 | | | A | 70233 | | g |
| | | | | appd | M.STRAWSER 02/29/00 | | | | | | |
| sheet index | revision sheet | | | | | | | | | | |



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REV E - 2006-04-18

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