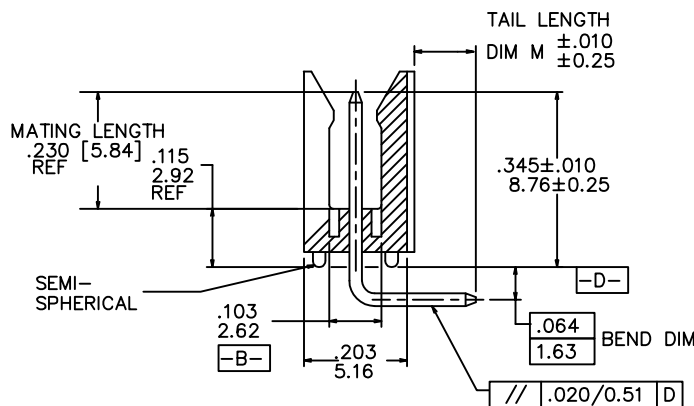
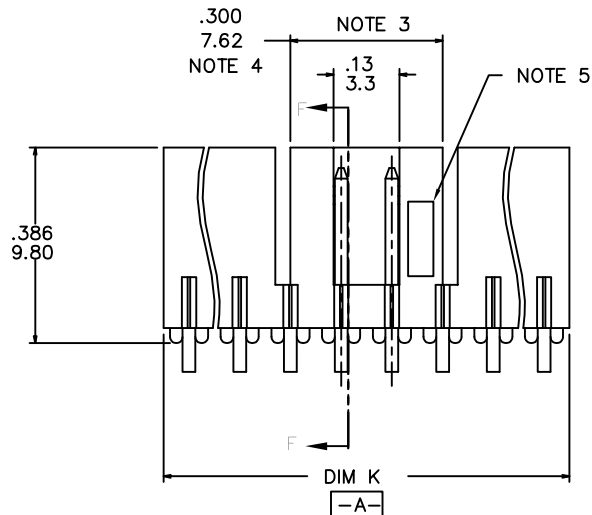
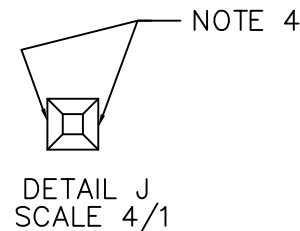
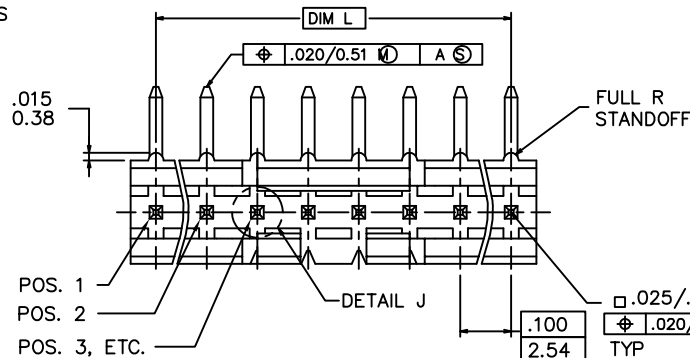


PRODUCT NO.  
78208-XXXHLF

LEAD FREE OPTION  
NOTE 6, 7 & 8  
NO. OF POSITIONS  
SEE TABLE  
PIN PLATING  
BASE P/N



| mat'l. code |              |     |          | surface  | tolerance                             | projection | product family           |  |  |
|-------------|--------------|-----|----------|----------|---------------------------------------|------------|--------------------------|--|--|
|             |              |     |          | ISO 1302 | ISO 406<br>ISO 1101                   |            | HEADER                   |  |  |
| ltr         | ecn          | no  | dr       | date     | tolerances unless otherwise specified |            | title                    |  |  |
| L           | ELX-N-011912 | JZ  |          | 05/31/12 | angles                                | linear     | FRICITION LATCH HEADER   |  |  |
| M           | ELX-N-21463  | MZ  |          | 07/22/15 | 0±.2°                                 | linear     | SINGLE ROW, R/A          |  |  |
|             |              |     |          |          |                                       |            | scale 3:1                |  |  |
| G           | M05-0134     | ERE | 06/15/05 | dr       | M.CLOUSER                             | 11/26/90   | dwg no                   |  |  |
| H           | M06-0256     | MHT | 9/07/06  | enr      | C.TREXLER                             | 11/26/90   | sheet 1 of 3             |  |  |
| J           | M08-0023     | MHT | 1/28/08  | chr      | C.TREXLER                             | 11/26/90   | size                     |  |  |
| K           | M08-0291     | MHT | 10/08/08 | app      | C.TREXLER                             | 11/26/90   | A3                       |  |  |
|             |              |     |          |          |                                       |            | type                     |  |  |
|             |              |     |          |          |                                       |            | Product Customer Drawing |  |  |
| sheet       | revision     | M   | M        | M        |                                       |            |                          |  |  |
| index       | sheet        | 1   | 2        | 3        |                                       |            |                          |  |  |

| PRODUCT NO. | NO.OF POS. | DIM K       | DIM L       | TAIL LENGTH DIM M |
|-------------|------------|-------------|-------------|-------------------|
| 78208-X03   | 1 X 3      | .300/7.62   | .200/5.08   | .120/3.05         |
| -X04        | 1 X 4      | .400/10.16  | .300/7.62   |                   |
| -X05        | 1 X 5      | .500/12.70  | .400/10.16  |                   |
| -X06        | 1 X 6      | .600/15.24  | .500/12.70  |                   |
| -X07        | 1 X 7      | .700/17.78  | .600/15.24  |                   |
| -X08        | 1 X 8      | .800/20.32  | .700/17.78  |                   |
| -X09        | 1 X 9      | .900/22.86  | .800/20.32  |                   |
| -X10        | 1 X 10     | 1.000/25.40 | .900/22.86  |                   |
| -X11        | 1 X 11     | 1.100/27.94 | 1.000/25.40 |                   |
| -X12        | 1 X 12     | 1.200/30.48 | 1.100/27.94 |                   |
| -X13        | 1 X 13     | 1.300/33.02 | 1.200/30.48 |                   |
| -X14        | 1 X 14     | 1.400/35.56 | 1.300/33.02 |                   |
| 78208-X15   | 1 X 15     | 1.500/38.10 | 1.400/35.56 | .120/3.05         |
| 78208-X43   | 1 X 3      | .300/7.62   | .200/5.08   | .190/4.83         |

#### PIN PLATING CODES

|         |                                                |
|---------|------------------------------------------------|
| -1YY    | 30u"/.76u (SEE NOTE 9) 50u"/1.27u Ni           |
| -2YY    | 15u"/.38u (SEE NOTE 9) 50u"/1.27u Ni           |
| -3YY    | 50u"/1.27u (SEE NOTE 9) 50u"/1.27u Ni          |
| -4YY    | 100u"/2.54u MIN Sn 50u"/1.27u Ni (SEE NOTE 10) |
| -4YYHLF |                                                |
| -5YY    | 15u"/.38u (SEE NOTE 9) 50u"/1.27u Ni           |
| -6YY    | 30u"/.76u (SEE NOTE 9) 50u"/1.27u Ni           |
| -7YY    | 30u"/.76u (SEE NOTE 9) OVER 50u"/1.27u Ni      |
| -8YY    | 15u"/.38u (SEE NOTE 9) OVER 50u"/1.27u Ni      |

#### NOTES:

1. MOLDING MAT'L: GLASS REINFORCED PCT OR MINRAL FILLED LCP, COLOR: BLACK  
FLAME RETARDANT PER UL-94V-0  
MAXIMUM OPERATING TEMPERATURE 130° C.

2. PIN MATERIAL: 3/4 HD PHOS. BRZ.

3. NO SLOTS ON 1 X 5 POSITION OR SMALLER PRODUCT. THE CENTER KEY SLOT WILL BE ON ALL HEADERS REGARDLESS OF SIZE.

4. TWO NON-CRITICAL SIDES OF PIN TIP NOT PLATED, BOTH ENDS.

5. COMPANY LOGO MAY APPEAR IN THIS AREA.

6. ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION, NOT AVAILABLE FOR -5YY, -5YYH, -6YY & -6YYH.

7. PART NUMBERS WITH "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

PART NUMBERS WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR WAVE SOLDER PROCESS.

8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

9. PLATING OPTIONS:

PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON CONTACT OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

10. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

|             |          |    |    |                       |                                       |                 |                               |
|-------------|----------|----|----|-----------------------|---------------------------------------|-----------------|-------------------------------|
| mat'l. code |          |    |    | surface<br>ISO 1302 ✓ | tolerance<br>ISO 406<br>ISO 1101      | projection<br>⊕ | product family<br>HEADER      |
| ltr         | ecn      | no | dr | date                  | tolerances unless otherwise specified | INCH/MM         | title                         |
| M           |          |    |    |                       | angles linear                         |                 | FRICITION LATCH HEADER        |
|             |          |    |    |                       | 0±2°                                  |                 | SINGLE ROW, R/A               |
|             |          |    |    |                       | dr M.CLOUSER 11/26/90                 | scale 3:1       | dwg no                        |
|             |          |    |    |                       | enr C.TREXLER 11/26/90                |                 | sheet2 of 3                   |
|             |          |    |    |                       | chr C.TREXLER 11/26/90                |                 | size                          |
|             |          |    |    |                       | appd C.TREXLER 11/26/90               |                 | A3                            |
| sheet       | revision |    |    |                       |                                       |                 | type Product Customer Drawing |
| index       | sheet    |    |    |                       |                                       |                 |                               |

|             |            |             |            |                   |                           |   |  |   |  |   |  |
|-------------|------------|-------------|------------|-------------------|---------------------------|---|--|---|--|---|--|
| 1           |            | 2           |            | 3                 |                           | 4 |  | 5 |  | 6 |  |
| PRODUCT NO. | NO.OF POS. | DIM K       | DIM L      | TAIL LENGTH DIM M | POLARIZATION PIN POSITION |   |  |   |  |   |  |
| 78208-X77   | 1 X 10     | 1.000/25.40 | .900/22.86 | .120/3.05         | 2/3/5/6/8/9               |   |  |   |  |   |  |
| 78208-X78   | 1 X 4      | 1.000/25.40 | .900/22.86 | .120/3.05         | 2/3                       |   |  |   |  |   |  |

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|             |  |          |    |           |      |                                       |  |                          |  |
|-------------|--|----------|----|-----------|------|---------------------------------------|--|--------------------------|--|
| mat'l. code |  | surface  |    | tolerance |      | projection                            |  | product family           |  |
|             |  | ISO 1302 |    | ISO 406   |      |                                       |  | HEADER                   |  |
|             |  |          |    | ISO 1101  |      |                                       |  |                          |  |
| ltr         |  | ecn      | no | dr        | date | tolerances unless otherwise specified |  | title                    |  |
| M           |  |          |    |           |      |                                       |  | FRICION LATCH HEADER     |  |
|             |  |          |    |           |      | linear                                |  | INCH/MM                  |  |
|             |  |          |    |           |      | 0±2°                                  |  | scale 3:1                |  |
|             |  |          |    |           |      | dr                                    |  | M.CLOUSER 11/26/90       |  |
|             |  |          |    |           |      | enr                                   |  | C.TREXLER 11/26/90       |  |
|             |  |          |    |           |      | chr                                   |  | C.TREXLER 11/26/90       |  |
|             |  |          |    |           |      | appd                                  |  | C.TREXLER 11/26/90       |  |
| sheet       |  | revision |    |           |      |                                       |  | dwg no                   |  |
| index       |  | sheet    |    |           |      |                                       |  | sheet3 of 3              |  |
|             |  |          |    |           |      |                                       |  | size                     |  |
|             |  |          |    |           |      |                                       |  | A3                       |  |
|             |  |          |    |           |      |                                       |  | type                     |  |
|             |  |          |    |           |      |                                       |  | Product Customer Drawing |  |