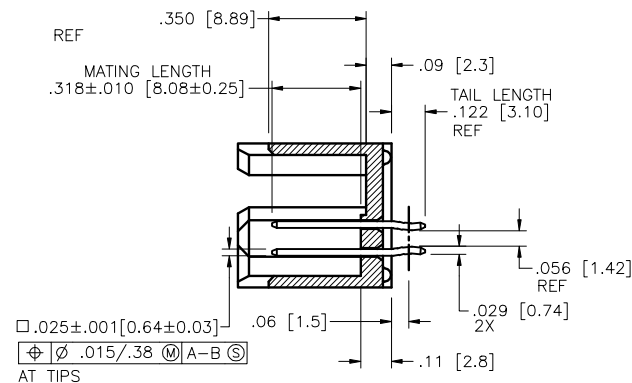
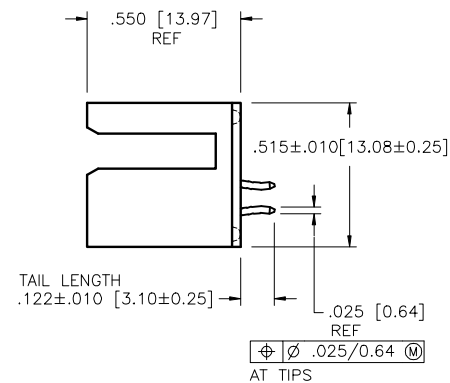
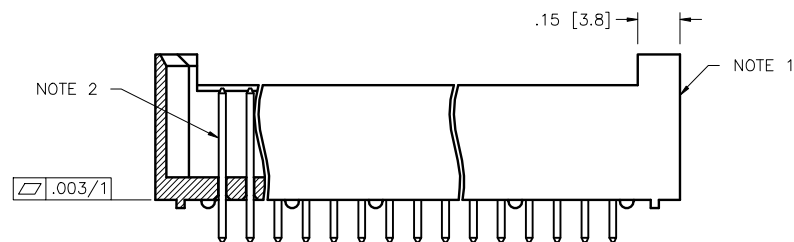
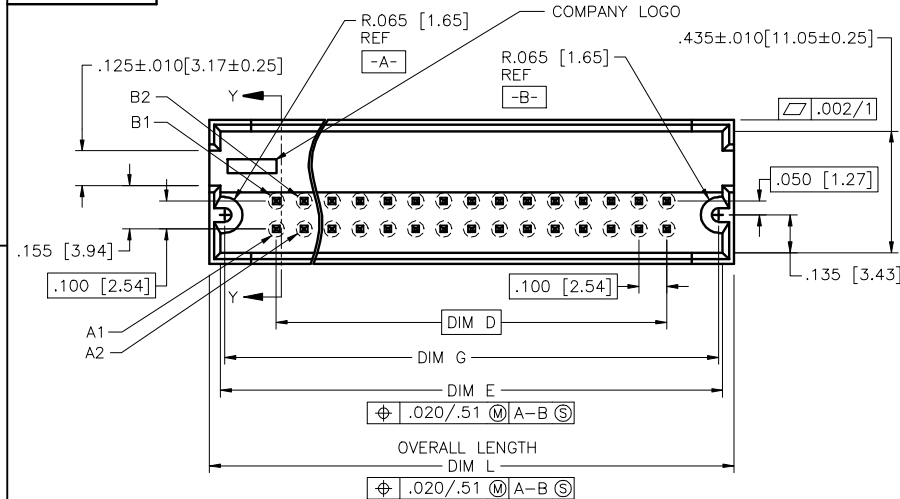


PRODUCT NO.  
SEE TABLE



SECTION Y-Y  
NOTE 3

| mat'l. code |          |     |         | surface                               | tolerance           | projection | product family                     |
|-------------|----------|-----|---------|---------------------------------------|---------------------|------------|------------------------------------|
| —           |          |     |         | ISO 1502                              | ISO 406<br>ISO 1101 | ISO 1502   | HEADER                             |
| ltr         | ech no   | dr  | date    | tolerances unless otherwise specified | linear              | INCH/MM    | title                              |
| A           | RELEASE  | MSC | 1/24/91 | angles                                | .001±.01/.001±.03   | scale 1:1  | VERTICAL 2 ROW GUIDE PIN (SLOTTED) |
| B           | V20490   | JWB | 5/19/92 | linear                                | .001±.005/.001±.013 |            | HEADER W/RETENTION FEATURE         |
| C           | V50832   | MSC | 8/07/95 | 0°±2°                                 | .001±.002/.001±.005 |            | dwg no                             |
| D           | V51485   | GAH | 1/26/96 | dr                                    | M.CLOUSER           | 1/24/91    | sheet 1 of 4                       |
| E           | C10006   | DAI | 4/18/01 | engr                                  | E.IORFIDO           | 1/24/91    | size                               |
| F           | M05-0089 | MHT | 5/26/05 | chr                                   | E.IORFIDO           | 1/24/91    | A3                                 |
| G           | M09-0059 | MHT | 4/16/09 | appd                                  | E.IORFIDO           | 1/24/91    | type                               |
| sheet       | revision | G   | G       | G                                     | G                   |            | Product Customer Drawing           |
| index       | sheet    | 1   | 2       | 3                                     | 4                   |            |                                    |

| PRODUCT NO.<br>NOTE 5, 6       | SIZE<br>NOTE 5          | PLATING REF<br>NOTE 7                   | KINK POS. |
|--------------------------------|-------------------------|-----------------------------------------|-----------|
| 87252-005<br>THRU<br>87252-050 | 2 X 5<br>THRU<br>2 X 50 | 30u"/0.76u Au                           | NOTE 3    |
| 87252-105<br>THRU<br>87252-150 | 2 X 5<br>THRU<br>2 X 50 | 15u"/0.38u Au                           | NOTE 3    |
| 87252-205<br>THRU<br>87252-250 | 2 X 5<br>THRU<br>2 X 50 | 30u"/0.76u GXT<br>OVER<br>50u"/1.27u Ni | NOTE 3    |
| 87252-305<br>THRU<br>87252-350 | 2 X 5<br>THRU<br>2 X 50 | 15u"/0.38u GXT<br>OVER<br>50u"/1.27u Ni | NOTE 3    |

NOTES:

- ① MOLDING MATERIAL: 20% MIN GLASS FILLED POLYESTER PER UL 94 V-0 COLOR-NATURAL
- ② PIN RETENTION TO BE 3 LBS / 1.36 KG MIN PER PIN IN EITHER DIRECTION.
- ③ RETENTION FEATURE (KINK) LOCATED TWO PAIRS EACH END, SECOND AND THIRD COLUMN PINS ON SIZES 2X15 OR LARGER.  
RETENTION FEATURE (KINK) LOCATED ON 2 PAIR OF PINS IN THE CENTER OF PARTS SMALLER THAN 2X15.
4. PACKAGE PER BUS-14-093.
- ⑤ -XXX REPRESENTS NO. OF COLUMNS (i.e. 30u"/0.76u Au 2 x 5 PART IS -005)  
-X01LF THRU -X04LF ARE NOT AVAILABLE,  
-X05LF THRU -X50LF ARE AVAILABLE.  
-X51LF THRU -X00LF ARE NOT AVAILABLE.
- ⑥ ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑦ PLATING OPTIONS:  
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
- ⑧ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
9. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

|             |          |                     |      |                                       |            |                                    |                          |
|-------------|----------|---------------------|------|---------------------------------------|------------|------------------------------------|--------------------------|
| mat'l. code |          | surface<br>ISO 1502 |      | tolerance<br>ISO 406<br>ISO 1101      | projection | product family<br>HEADER           |                          |
| lir         | ecn no   | dr                  | date | tolerances unless otherwise specified |            | title                              |                          |
| G           |          |                     |      | angles                                | linear     | VERTICAL 2 ROW GUIDE PIN (SLOTTED) |                          |
|             |          |                     |      | 0' ± 2'                               |            | HEADER W/RETENTION FEATURE         |                          |
|             |          |                     |      | dr                                    | M.CLOUSER  | 1/24/91                            | scale 1:1                |
|             |          |                     |      | engr                                  | E.IORFIDO  | 1/24/91                            | FCJ                      |
|             |          |                     |      | chr                                   | E.IORFIDO  | 1/24/91                            |                          |
|             |          |                     |      | appd                                  | E.IORFIDO  | 1/24/91                            |                          |
| sheet       | revision |                     |      |                                       |            |                                    | dwg no                   |
| index       | sheet    |                     |      |                                       |            |                                    | 87252                    |
|             |          |                     |      |                                       |            |                                    | sheet 2 of 4             |
|             |          |                     |      |                                       |            |                                    | size                     |
|             |          |                     |      |                                       |            |                                    | A3                       |
|             |          |                     |      |                                       |            |                                    | type                     |
|             |          |                     |      |                                       |            |                                    | Product Customer Drawing |

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|                                 |  |                       |                         |             |            |            |  |   |  |   |  |
|---------------------------------|--|-----------------------|-------------------------|-------------|------------|------------|--|---|--|---|--|
| 1                               |  | 2                     |                         | 3           |            | 4          |  | 5 |  | 6 |  |
| PRODUCT NO.<br>NOTE 6           |  | SIZE                  | OVERALL LENGTH<br>DIM L | DIM D       | DIM E      | DIM G      |  |   |  |   |  |
| 87252-X01                       |  | U N A V A I L A B L E |                         |             |            |            |  |   |  |   |  |
| -X02                            |  |                       |                         |             |            |            |  |   |  |   |  |
| -X03                            |  |                       |                         |             |            |            |  |   |  |   |  |
| -X04                            |  | U N A V A I L A B L E |                         |             |            |            |  |   |  |   |  |
| -X05                            |  | 2 X 5                 | .88/22.35               | .400/10.16  | .80/20.32  | .77/19.55  |  |   |  |   |  |
| -X06                            |  | 2 X 6                 | .98/24.89               | .500/12.70  | .90/22.86  | .87/22.09  |  |   |  |   |  |
| -X07                            |  | 2 X 7                 | 1.08/27.43              | .600/15.24  | 1.00/25.40 | .97/24.63  |  |   |  |   |  |
| -X08                            |  | 2 X 8                 | 1.18/29.97              | .700/17.78  | 1.10/27.94 | 1.07/27.17 |  |   |  |   |  |
| -X09                            |  | 2 X 9                 | 1.28/32.51              | .800/20.32  | 1.20/30.48 | 1.17/29.71 |  |   |  |   |  |
| -X10                            |  | 2 X 10                | 1.38/35.05              | .900/22.86  | 1.30/33.02 | 1.27/32.25 |  |   |  |   |  |
| -X11                            |  | 2 X 11                | 1.48/37.59              | 1.000/25.40 | 1.40/35.56 | 1.37/34.79 |  |   |  |   |  |
| -X12                            |  | 2 X 12                | 1.58/40.13              | 1.100/27.94 | 1.50/38.10 | 1.47/37.33 |  |   |  |   |  |
| -X13                            |  | 2 X 13                | 1.68/42.67              | 1.200/30.48 | 1.60/40.64 | 1.57/39.87 |  |   |  |   |  |
| -X14                            |  | 2 X 14                | 1.78/45.21              | 1.300/33.02 | 1.70/43.18 | 1.67/42.41 |  |   |  |   |  |
| -X15                            |  | 2 X 15                | 1.88/47.75              | 1.400/35.56 | 1.80/45.72 | 1.77/44.95 |  |   |  |   |  |
| -X16                            |  | 2 X 16                | 1.98/50.29              | 1.500/38.10 | 1.90/48.26 | 1.87/47.49 |  |   |  |   |  |
| -X17                            |  | 2 X 17                | 2.08/52.83              | 1.600/40.64 | 2.00/50.80 | 1.97/50.03 |  |   |  |   |  |
| -X18                            |  | 2 X 18                | 2.18/55.37              | 1.700/43.18 | 2.10/53.34 | 2.07/52.57 |  |   |  |   |  |
| -X19                            |  | 2 X 19                | 2.28/57.91              | 1.800/45.72 | 2.20/55.88 | 2.17/55.11 |  |   |  |   |  |
| -X20                            |  | 2 X 20                | 2.38/60.45              | 1.900/48.26 | 2.30/58.42 | 2.27/57.65 |  |   |  |   |  |
| -X21                            |  | 2 X 21                | 2.48/62.99              | 2.000/50.80 | 2.40/60.96 | 2.37/60.19 |  |   |  |   |  |
| -X22                            |  | 2 X 22                | 2.58/65.53              | 2.100/53.34 | 2.50/63.50 | 2.47/62.73 |  |   |  |   |  |
| -X23                            |  | 2 X 23                | 2.68/68.07              | 2.200/55.88 | 2.60/66.04 | 2.57/65.27 |  |   |  |   |  |
| -X24                            |  | 2 X 24                | 2.78/70.61              | 2.300/58.42 | 2.70/68.58 | 2.67/67.81 |  |   |  |   |  |
| 87252-X25                       |  | 2 X 25                | 2.88/73.15              | 2.400/60.96 | 2.80/71.12 | 2.77/70.35 |  |   |  |   |  |
| 87252-X51THRU -X00 DISCONTINUED |  |                       |                         |             |            |            |  |   |  |   |  |

|                  |  |                |  |                     |  |                                  |  |                                                                                                     |  |                          |  |
|------------------|--|----------------|--|---------------------|--|----------------------------------|--|-----------------------------------------------------------------------------------------------------|--|--------------------------|--|
| mat'l. code<br>- |  |                |  | surface<br>ISO 1902 |  | tolerance<br>ISO 406<br>ISO 1101 |  | projection<br> |  | product family<br>HEADER |  |
| litr             |  | ecn no         |  | dr                  |  | date                             |  | title                                                                                               |  |                          |  |
| G                |  |                |  |                     |  |                                  |  | VERTICAL 2 ROW GUIDE PIN (SLOTTED)                                                                  |  |                          |  |
|                  |  |                |  |                     |  |                                  |  | HEADER W/RETENTION FEATURE                                                                          |  |                          |  |
|                  |  |                |  |                     |  |                                  |  | dwg no                                                                                              |  |                          |  |
|                  |  |                |  |                     |  |                                  |  | sheet 3 of 4                                                                                        |  | size                     |  |
|                  |  |                |  |                     |  |                                  |  | 87252                                                                                               |  | A3                       |  |
|                  |  |                |  |                     |  |                                  |  | type                                                                                                |  |                          |  |
|                  |  |                |  |                     |  |                                  |  | Product Customer Drawing                                                                            |  |                          |  |
| sheet index      |  | revision sheet |  |                     |  |                                  |  |                                                                                                     |  |                          |  |

|          |  |   |  |   |  |   |  |   |  |   |  |   |  |
|----------|--|---|--|---|--|---|--|---|--|---|--|---|--|
| form: A3 |  | 1 |  | 2 |  | 3 |  | 4 |  | 5 |  | 6 |  |
|----------|--|---|--|---|--|---|--|---|--|---|--|---|--|



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| PRODUCT NO.<br>NOTE 6             | SIZE   | OVERALL LENGTH<br>DIM L | DIM D        | DIM E       | DIM G       |
|-----------------------------------|--------|-------------------------|--------------|-------------|-------------|
| 87252-X26                         | 2 X 26 | 2.98/75.69              | 2.500/63.50  | 2.90/73.66  | 2.87/72.89  |
| -X27                              | 2 X 27 | 3.08/78.23              | 2.600/66.04  | 3.00/76.20  | 2.97/75.43  |
| -X28                              | 2 X 28 | 3.18/80.77              | 2.700/68.58  | 3.10/78.74  | 3.07/77.97  |
| -X29                              | 2 X 29 | 3.28/83.31              | 2.800/71.12  | 3.20/81.28  | 3.17/80.51  |
| -X30                              | 2 X 30 | 3.38/85.85              | 2.900/73.66  | 3.30/83.82  | 3.27/83.05  |
| -X31                              | 2 X 31 | 3.48/88.39              | 3.000/76.20  | 3.40/86.36  | 3.37/85.59  |
| -X32                              | 2 X 32 | 3.58/90.93              | 3.100/78.74  | 3.50/88.90  | 3.47/88.13  |
| -X33                              | 2 X 33 | 3.68/93.47              | 3.200/81.28  | 3.60/91.44  | 3.57/90.67  |
| -X34                              | 2 X 34 | 3.78/96.01              | 3.300/83.82  | 3.70/93.98  | 3.67/93.21  |
| -X35                              | 2 X 35 | 3.88/98.55              | 3.400/86.36  | 3.80/96.52  | 3.77/95.75  |
| -X36                              | 2 X 36 | 3.98/101.09             | 3.500/88.90  | 3.90/99.06  | 3.87/98.29  |
| -X37                              | 2 X 37 | 4.08/103.63             | 3.600/91.44  | 4.00/101.60 | 3.97/100.83 |
| -X38                              | 2 X 38 | 4.18/106.17             | 3.700/93.98  | 4.10/104.14 | 4.07/103.37 |
| -X39                              | 2 X 39 | 4.28/108.71             | 3.800/96.52  | 4.20/106.68 | 4.17/105.91 |
| -X40                              | 2 X 40 | 4.38/111.25             | 3.900/99.06  | 4.30/109.22 | 4.27/108.45 |
| -X41                              | 2 X 41 | 4.48/113.79             | 4.000/101.60 | 4.40/111.76 | 4.37/110.99 |
| -X42                              | 2 X 42 | 4.58/116.33             | 4.100/104.14 | 4.50/114.30 | 4.47/113.53 |
| -X43                              | 2 X 43 | 4.68/118.87             | 4.200/106.68 | 4.60/116.84 | 4.57/116.07 |
| -X44                              | 2 X 44 | 4.78/121.41             | 4.300/109.22 | 4.70/119.38 | 4.67/118.61 |
| -X45                              | 2 X 45 | 4.88/123.95             | 4.400/111.76 | 4.80/121.92 | 4.77/121.15 |
| -X46                              | 2 X 46 | 4.98/126.49             | 4.500/114.30 | 4.90/124.46 | 4.87/123.69 |
| -X47                              | 2 X 47 | 5.08/129.03             | 4.600/116.84 | 5.00/127.00 | 4.97/126.23 |
| -X48                              | 2 X 48 | 5.18/131.57             | 4.700/119.38 | 5.10/129.54 | 5.07/128.77 |
| -X49                              | 2 X 49 | 5.28/134.11             | 4.800/121.92 | 5.20/132.08 | 5.17/131.31 |
| 87252-X50                         | 2 X 50 | 5.38/136.65             | 4.900/124.46 | 5.30/134.62 | 5.27/133.85 |
| 87252-X51 THRU -X100 DISCONTINUED |        |                         |              |             |             |

|             |                |    |      |                                       |           |                                                            |         |            |              |                                                                  |                          |  |
|-------------|----------------|----|------|---------------------------------------|-----------|------------------------------------------------------------|---------|------------|--------------|------------------------------------------------------------------|--------------------------|--|
| mat'l. code |                |    |      | surface<br>ISO 1302                   |           | tolerance<br>ISO 406<br>ISO 1101                           |         | projection |              | product family<br>HEADER                                         |                          |  |
| ltr         | ecn no         | dr | date | tolerances unless otherwise specified |           |                                                            |         |            |              | title                                                            |                          |  |
| G           |                |    |      | angles                                | linear    | XX±.01/XX±.03<br>XXX±.005/XX±.013<br>XXXX±.0020/XXXX±.0051 |         | INCH/MM    |              | VERTICAL 2 ROW GUIDE PIN (SLOTTED)<br>HEADER W/RETENTION FEATURE |                          |  |
|             |                |    |      | 0'±2'                                 |           |                                                            |         | scale 1:1  |              | dwg no                                                           |                          |  |
|             |                |    |      | dr                                    | M.CLOUSER |                                                            | 1/24/91 |            | sheet 4 of 4 |                                                                  | size                     |  |
|             |                |    |      | engr                                  | E.IORFIDO |                                                            | 1/24/91 |            | FCJ          |                                                                  | 87252                    |  |
|             |                |    |      | chr                                   | E.IORFIDO |                                                            | 1/24/91 |            |              |                                                                  | A3                       |  |
|             |                |    |      | appd                                  | E.IORFIDO |                                                            | 1/24/91 |            | type         |                                                                  | Product Customer Drawing |  |
| sheet index | revision sheet |    |      |                                       |           |                                                            |         |            |              |                                                                  |                          |  |