

PRODUCT NUMBER

6 4 9 9 1 - X X X - X X X X LF

PLATING  
NOTE 12

S=15μ" [0.38μm] GOLD/GXT  
ON CONTACT AREA  
100μ" [2.54μm] PURE TIN  
ON TAIL  
G=30μ" [0.76μm] GOLD/GXT  
ON CONTACT AREA  
100μ" [2.54μm] PURE TIN  
ON TAIL

| STYLE | TAIL LENGTH |
|-------|-------------|
| 3     | .090/2.29   |
| 4     | .120/3.05   |

POSITIONS PER ROW  
05 TO 50

LEAD FREE OPTION (NOTE 9,11)

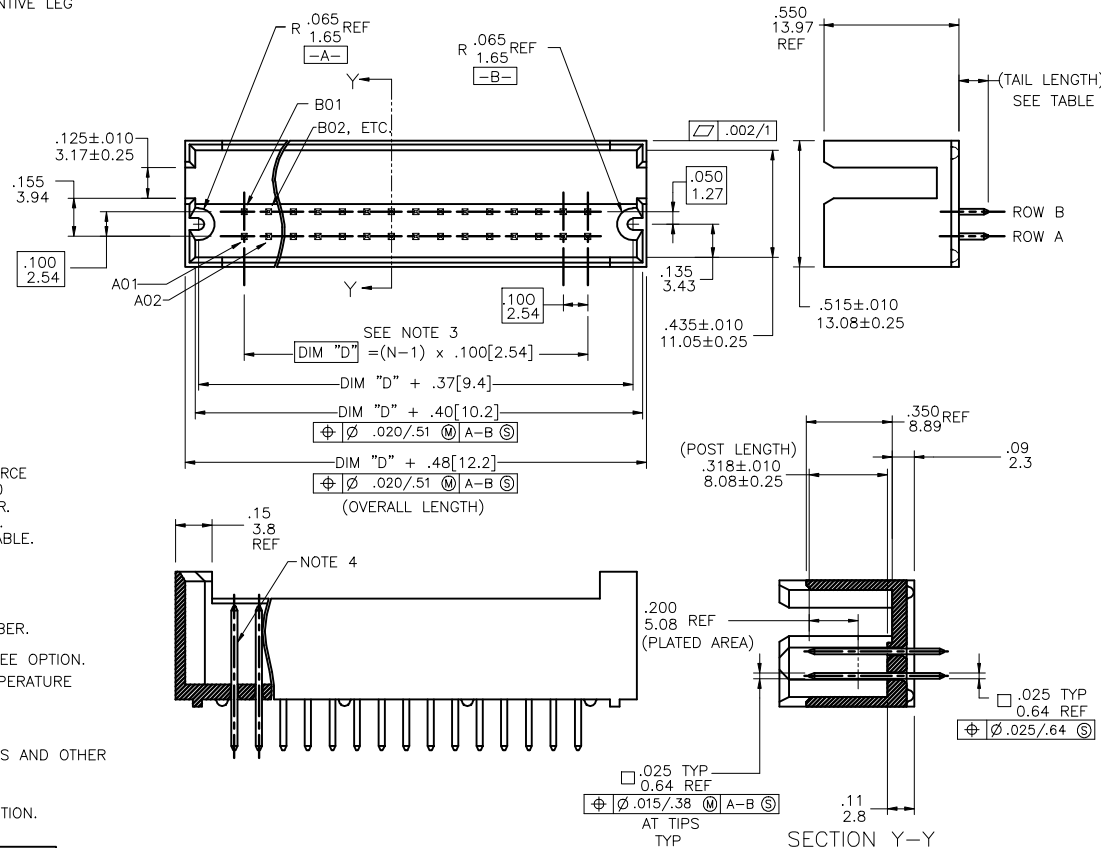
RETENTION  
R=RETENTIVE LEG  
NOTE 6

POLARIZATION  
NOTE 8

- HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0  
COLOR: NATURAL
- PIN MATERIAL: PHOSPHOR-BRONZE
- TO DETERMINE DIMENSION  
N= NUMBER OF POSITIONS PER ROW  
EXAMPLE: 10 POS., (N-1) X .100[2.54]=.900/22.87
- 3LBS./1.36 KG MIN. RETENTION IN EITHER DIRECTION.
- PACKAGED IN TRAYS.
- RETENTIVE LEG:  
5LB/2.3KG MAX INSERTION FORCE AND .25LB./1KG MIN RETENTION FORCE  
PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARD AND RECOMMENDED  
HOLE PATTERN. RETENTIVE LOCATION AT THE DISCRETION OF THE MANUFACTURER.  
RETENTION IS TWO PINS PER PART ADJACENT TO ONE ANOTHER.  
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
- UNDER PLATING 50μ"/1.27μm Ni.
- FOR POLARIZATION SPECIFY POSITION NUMBER  
(e.i., A03=ROW A POS. 3) TO OMIT PIN  
IF FEATURE IS NOT APPLICABLE, REMOVE FROM PRODUCT NUMBER.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- 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.
- IF "LF" P/N THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER  
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- PLATING OPTIONS:  
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.



RECOMMENDED HOLE PATTERN



| mat'l. code |          |     |         | surface  |        | tolerance |         | projection |        | product family                  |  |
|-------------|----------|-----|---------|----------|--------|-----------|---------|------------|--------|---------------------------------|--|
| NOTES 1 & 2 |          |     |         | ISO 1302 |        | ISO 406   |         | ISO 1101   |        | HEADER                          |  |
| lir         | ecn no   | dr  | date    | angles   | linear | linear    | linear  | linear     | linear | title                           |  |
| A           | V92814   | DAI | 8/24/99 |          |        |           |         |            |        | .100/2.54cc GUIDE PIN (SLOTTED) |  |
| B           | V11526   | DAI | 5/21/01 |          |        |           |         |            |        | SHROUDED VERTICAL HEADER        |  |
| C           | V212895  | TAB | 1/09/03 | 0°±2'    |        |           |         |            |        | scale 1:1                       |  |
| D           | M05-0089 | MHT | 5/20/05 | dr       |        | D. INGRAM | 6/02/99 |            |        | dwg no                          |  |
| E           | M07-0116 | AGS | 2/19/07 | eng      |        | H. SUNDY  | 7/21/99 |            |        | sheet 1 of 1 size               |  |
| F           | M09-0059 | MHT | 4/16/09 | chr      |        | H. SUNDY  | 7/21/99 |            |        | 64991 A3                        |  |
| G           | M09-0154 | MHT | 9/10/09 | appd     |        | H. SUNDY  | 7/21/99 |            |        | type Product Customer Drawing   |  |
| sheet       | revision | G   |         |          |        |           |         |            |        |                                 |  |
| index       | sheet    | 1   |         |          |        |           |         |            |        |                                 |  |

