

PRODUCT NUMBER  
5 5 1 0 2 - X X X - X X - X X X X

PLATING  
S=15μ"[0.38μm]GOLD  
ON CONTACT AREA  
100μ"[2.54μm]TIN  
ON TAIL (NOTE 14)  
G=30μ"[0.76μm]GOLD  
ON CONTACT AREA  
100μ"[2.54μm]TIN  
ON TAIL (NOTE 14)  
T=100μ"[2.54μm]TIN  
ON CONTACT AREA  
AND ON TAIL  
(SEE NOTE 9 & 13)  
F=2μ"[0.05μm]GOLD  
ON CONTACT AREA  
AND ON TAIL

| PIN | STYLE | POST       | TAIL       |
|-----|-------|------------|------------|
| 11  |       | 0.230/5.84 | 0.090/2.29 |
| 17  |       | 0.230/5.84 | 0.120/3.05 |
| 12  |       | 0.230/5.84 | 0.190/4.83 |
| 34  |       | 0.318/8.08 | 0.100/2.54 |
| 35  |       | 0.318/8.08 | 0.120/3.05 |
| 36  |       | 0.318/8.08 | 0.200/5.08 |

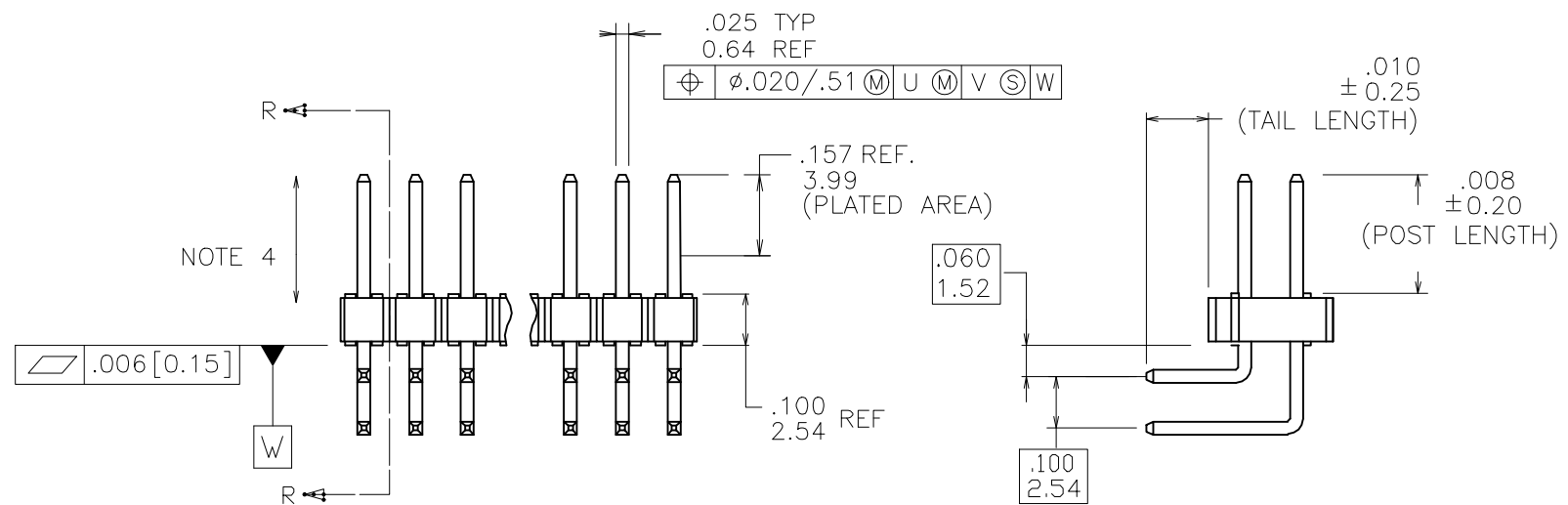
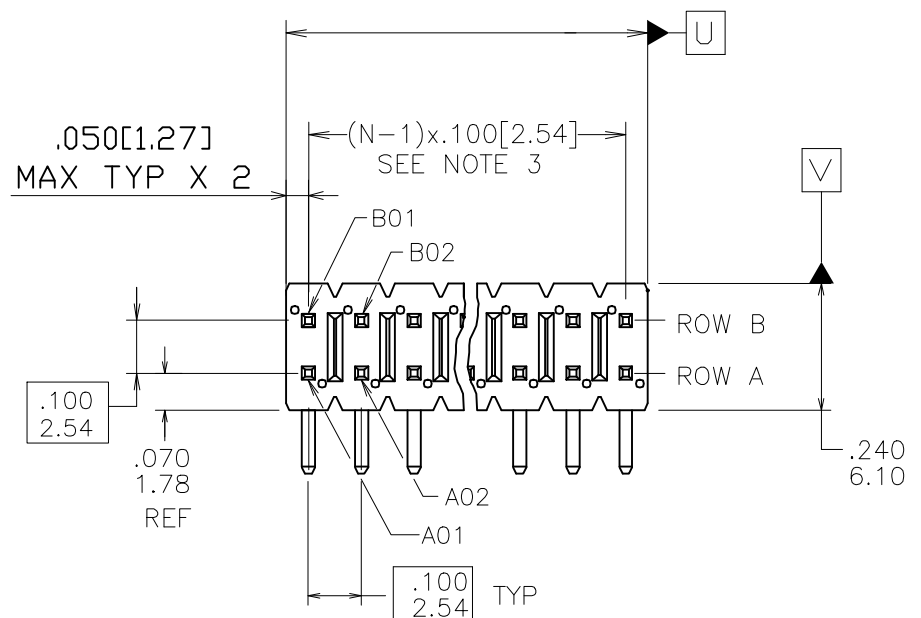
RETENTION  
R= RETENTIVE LEG  
NOTE 6  
POLARIZATION  
NOTE 7  
POSITIONS PER ROW  
01 TO 36

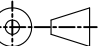
LEAD FREE PRODUCT NUMBER  
5 5 1 0 2 - X X X X X X X X X X LF

PLATING  
S=15μ"[0.38μm]GOLD  
ON CONTACT AREA  
100μ"[2.54μm]TIN  
ON TAIL (NOTE 14)  
G=30μ"[0.76μm]GOLD  
ON CONTACT AREA  
100μ"[2.54μm]TIN  
ON TAIL (NOTE 14)  
T=100μ"[2.54μm]TIN  
ON CONTACT AREA  
AND ON TAIL  
(NOTE 9 & 13)  
F=2μ"[0.05μm]GOLD  
ON CONTACT AREA  
AND ON TAIL  
9=1μ [0.03μm]GOLD  
ON CONTACT AREA  
AND ON TAIL (FULL PLATING)

| PIN | STYLE | POST        | TAIL       |
|-----|-------|-------------|------------|
| 11  |       | 0.230/5.84  | 0.090/2.29 |
| 17  |       | 0.230/5.84  | 0.120/3.05 |
| 12  |       | 0.230/5.84  | 0.190/4.83 |
| 34  |       | 0.318/8.08  | 0.100/2.54 |
| 35  |       | 0.318/8.08  | 0.120/3.05 |
| 36  |       | 0.318/8.08  | 0.200/5.08 |
| 40  |       | 0.559/14.21 | 0.090/2.30 |

RETENTION  
R= RETENTIVE LEG  
NOTE 6  
POLARIZATION  
NOTE 7  
POSITIONS PER ROW  
01 TO 36  
PACKAGE:  
SEE NOTES 5



|             |             |          |          |                                       |          |                              |                                  |  |                 |                                                                                                     |        |                            |  |                                                  |              |  |  |  |      |  |  |  |  |
|-------------|-------------|----------|----------|---------------------------------------|----------|------------------------------|----------------------------------|--|-----------------|-----------------------------------------------------------------------------------------------------|--------|----------------------------|--|--------------------------------------------------|--------------|--|--|--|------|--|--|--|--|
| mat'l. code |             |          |          | surface<br>ISO 1302                   |          |                              | tolerance<br>ISO 406<br>ISO 1101 |  |                 | projection<br> |        | product family<br>BERGSTIK |  |                                                  |              |  |  |  |      |  |  |  |  |
| ltr         | ecn no      | dr       | date     | tolerances unless otherwise specified |          |                              |                                  |  |                 |                                                                                                     |        |                            |  | title<br>.100 SHROUNDED HDR<br>D/R R/A THRU HOLE |              |  |  |  |      |  |  |  |  |
| G           | M06-0268    | MHT      | 7/17/06  | angles                                | linear   | .XX±.01/.X±0.3               |                                  |  |                 | INCH/MM<br>    |        |                            |  |                                                  |              |  |  |  |      |  |  |  |  |
| H           | M06-0435    | MHT      | 10/31/06 |                                       |          | .XXX±.005/.XX±0.13           |                                  |  |                 |                                                                                                     |        |                            |  |                                                  |              |  |  |  |      |  |  |  |  |
| J           | M08-0237    | MHT      | 8/25/08  |                                       |          | .0±.2' .XXX±.0020 .XXX±0.051 |                                  |  |                 |                                                                                                     |        |                            |  |                                                  |              |  |  |  |      |  |  |  |  |
| K           | M08-0279    | MHT      | 9/30/08  | dr                                    | D.INGRAM |                              | 05/20/99                         |  | Amphenol<br>FCI |                                                                                                     | dwg no |                            |  |                                                  | sheet 1 of 2 |  |  |  | size |  |  |  |  |
| L           | ELX-N-30083 | MZ       | 05/04/18 | enr                                   | H.SUNDY  |                              | 07/21/99                         |  |                 |                                                                                                     | 55102  |                            |  |                                                  | A3           |  |  |  |      |  |  |  |  |
|             |             |          |          | chr                                   | H.SUNDY  |                              | 07/21/99                         |  |                 |                                                                                                     |        |                            |  |                                                  |              |  |  |  |      |  |  |  |  |
|             |             |          |          | appd                                  | H.SUNDY  |                              | 07/21/99                         |  |                 |                                                                                                     |        |                            |  |                                                  |              |  |  |  |      |  |  |  |  |
| sheet index |             | revision |          | L                                     | L        |                              |                                  |  |                 |                                                                                                     |        |                            |  |                                                  |              |  |  |  |      |  |  |  |  |
|             |             | sheet    |          | 1                                     | 2        |                              |                                  |  |                 |                                                                                                     |        |                            |  |                                                  |              |  |  |  |      |  |  |  |  |

