

RoHS COMPATIBLE PRODUCT NUMBER  
54242-XXXXXXXXLFL

STANDARD PRODUCT NUMBER  
54242-XXX-XX-XXXX

## PLATING

1 = 0.76µm GOLD/GXT ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL  
OVER 1.27µm Ni MIN

8 = 0.38µm GOLD/GXT ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL  
OVER 1.27µm Ni MIN

4 = 2µm MIN MATTE TIN  
OVER 1.27µm Ni MIN

INDICATES THE PRODUCT  
IS RoHS COMPATIBLE  
SEE NOTE 8

STACK HEIGHT  
NOTE 6

TOTAL NB OF POSITIONS  
04 TO 50

## PLATING

1 = 0.76µm GOLD/GXT ON CONTACT AREA  
3.81µm TIN/LEAD ON TAIL  
OVER 1.27µm Ni MIN

8 = 0.38µm GOLD/GXT ON CONTACT AREA  
3.81µm TIN/LEAD ON TAIL  
OVER 1.27µm Ni MIN

4 = TIN LEAD  
OVER 1.27µm Ni MIN

STACK HEIGHT  
NOTE 6

TOTAL NB OF POSITIONS  
04 TO 50

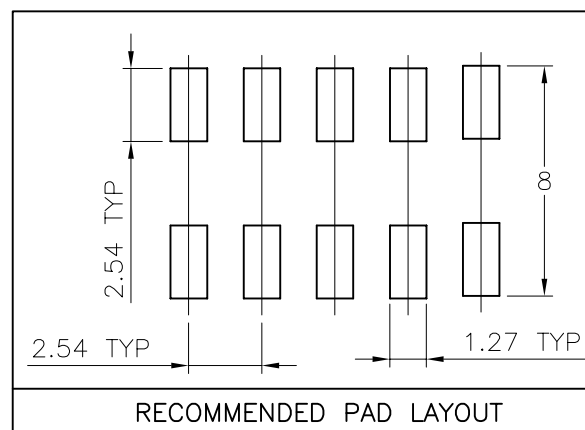
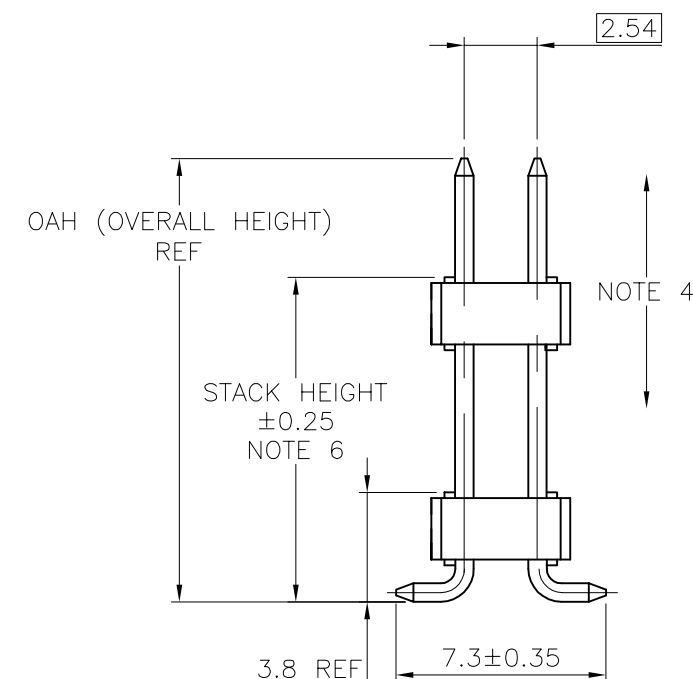
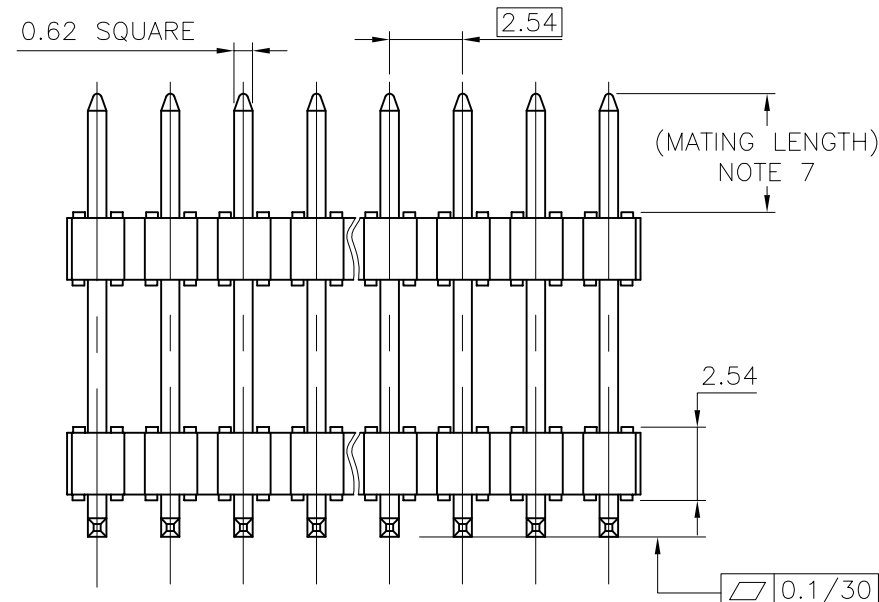
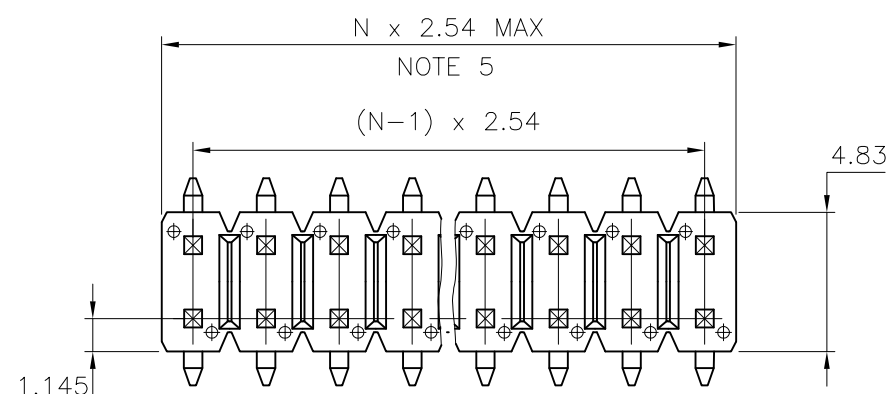
## NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- PRODUCT PACKAGED IN PLASTIC BOX
- 9N MIN RETENTION IN EITHER DIRECTION
- TO DETERMINE DIMENSIONS :  
N = NUMBER OF POSITIONS PER ROW  
EXAMPLE : 8 POS PER ROW,  $N \times 2.54 = 20.32\text{mm}$
- XXXX = MILLIMETERS  
SPECIFY MILLIMETERS  
9.5mm MIN TO 26.0mm MAX AVAILABLE  
IN 0.5mm INCREMENT  
EXAMPLE FOR STACK HEIGHT: 1 2 5 0 = 12.5mm
- MATING LENGTH = (OAH)-(STACK HEIGHT)

## 8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

- PLATING:
  - "LF" MEANS THE PRODUCT IS LEAD-FREE,  
2µm MINIMUM MATTE TIN OVER 1.27µm  
MINIMUM NICKEL UNDERPLATE.
- MANUFACTURING PROCESS COMPATIBILITY
- LABELLING:
  - MEETS PACKAGING SPECS AS PER GS-14-920
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES  
AND OTHER COUNTRY REGULATIONS AS DESCRIBED  
IN GS-22-008

| PIN STYLE | OAH   |
|-----------|-------|
| 01        | 10.42 |
| 02        | 11.72 |
| 03        | 14.12 |
| 04        | 14.98 |
| 05        | 15.87 |
| 06        | 17.13 |
| 07        | 19.18 |
| 08        | 21.72 |
| 09        | 24.26 |
| 10        | 26.8  |
| 11        | 29.34 |
| 12        | 31.88 |



|                          |                |     |          |                     |                               |            |                                     |  |  |  |
|--------------------------|----------------|-----|----------|---------------------|-------------------------------|------------|-------------------------------------|--|--|--|
| mat'l. code<br>SEE NOTES |                |     |          | surface<br>ISO 1302 | tolerance<br>ISO 406 ISO 1101 | projection | product family<br>BERGSTIK          |  |  |  |
| ltr                      | ecn no         | dr  | date     | tolerances unless   | otherwise specified           | mm         | title<br>UNSHR.HEADER<br>STR DR SMT |  |  |  |
| A                        | F10119         | DLE | 01.01.24 | angles              | x.x ±0.3                      |            |                                     |  |  |  |
| B                        | F10305         | JCO | 01.05.03 | linear              | x.xx ±0.13                    | scale 4:1  | dwg no<br>54242                     |  |  |  |
| C                        | F04-0328       | LMU | 04.08.31 |                     | x.xxx ±0.05                   |            |                                     |  |  |  |
| D                        | F04-0385       | LMU | 04.12.16 | dr                  | D.LE                          | 01.01.24   | type<br>CUSTOMER                    |  |  |  |
| E                        | F06-0168       | LMU | 06.04.21 | enrg                | JM.C                          | 01.01.24   |                                     |  |  |  |
| F                        | F06-0196       | LMU | 06.06.13 | chr                 | JM.C                          | 01.01.24   | Drawing                             |  |  |  |
| G                        | F08-0148       | RTR | 08.03.31 | appd                | JF.N                          | 01.01.24   |                                     |  |  |  |
| sheet index              | revision sheet |     |          |                     |                               |            |                                     |  |  |  |