

RoHS COMPATIBLE PRODUCT NUMBER

54122-XXXXXXXXXLF

LEADED PRODUCT NUMBER

54122-XXX-XX-XXXX

AS AVAILABLE

PLATING

1 = 0.76µm 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

5 = 0.25µm 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

RoHS COMPATIBLE
SEE NOTE 9

R : RETENTIVE LEG
NOTE 8

STACK HEIGHT, NOTE 6

TOTAL NB OF POSITIONS
04 TO 72

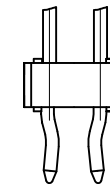
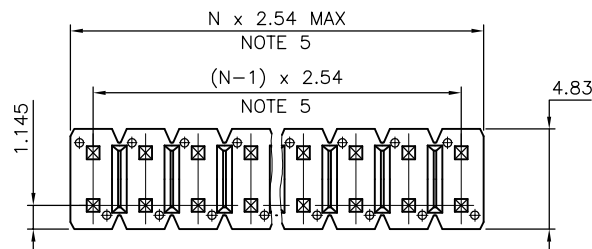
NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
3. STANDARD PACKAGING IN POLYBAG
4. 9N MIN RETENTION IN EITHER DIRECTION
5. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, $N \times 2.54 = 20.32\text{mm}$
6. XXXX = MILLIMETERS
SPECIFY MILLIMETERS
5.0mm MIN TO 60.00mm MAX AVAILABLE
OAL 65.0MM MAX AVAILABLE.
EXAMPLE FOR STACK HEIGHT: $1 \frac{2}{5} 0 = 12.5\text{mm}$
7. MATING LENGTH = (OAL)-(3.05)-(STACK HEIGHT)
8. RETENTION IS APPLIED TO TWO ADJACENT PINS AT EACH END OF THE PRODUCT SEE SCHEMA 1
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE

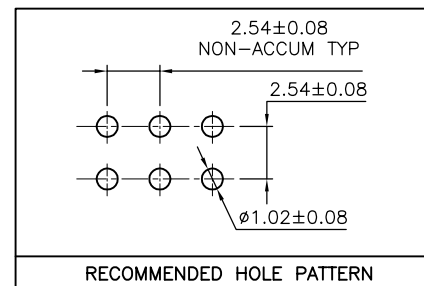
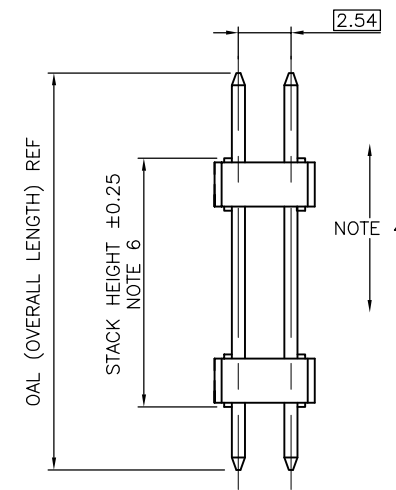
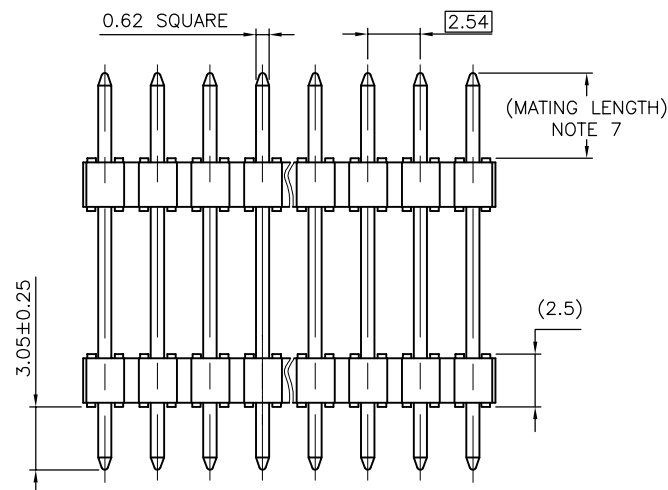
9. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

- a - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
- b - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
- c - LABELLING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
- d - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

OAL	PIN STYLE
11.17	29
12.2	01
13.5	02
15.9	03
16.56	15
16.76	04
17.65	05
18.91	06
20.50	28
20.96	07
22.40	19
23.5	08
26.04	09
26.42	14
28.00	18
28.58	10
30.48	20
31.12	11
32.15	21
33.66	12
34.00	13
36.20	16
37.30	22
38.40	23
42.30	24
43.00	25
47.00	26
52.00	27



SCHEMA 1
TWO RETENTION PIN AT EACH
END OF THE PRODUCT



mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK											
ltr		ecn no		dr		date		tolerances unless otherwise specified		title											
H		F08-0148		RTR		08.03.31		angles linear x.x ±0.3 x.xx ±0.13 x.xxx ±0.05 mm scale 4:1		UNSHR.HEADER STR DR TMT											
J		F10-0252		JCO		10.11.30															
K		F11-0034		LMU		11.03.03															
L		B-15673		LMU		13.02.14		dr		D.LE		01.01.24				dwg no		sheet 1 of 1		size	
M		B-18962		LMU		14.09.29		engr		JM.C		01.01.24				A3					
N		B-19782		AMA		14.12.16		chr		JM.C		01.01.24									
P		B-20598		AMA		15.03.30		appd		JF.N		01.01.24									
sheet index		revision sheet														type		CUSTOMER		Drawing	