

RoHS COMPATIBLE PRODUCT NUMBER

54111-XXXXXXXXLF

LEADED PRODUCT NUMBER

54111-XXX-XX-XXXX

AS AVAILABLE

PLATING

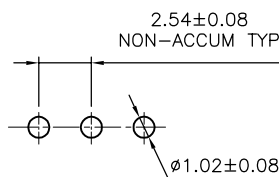
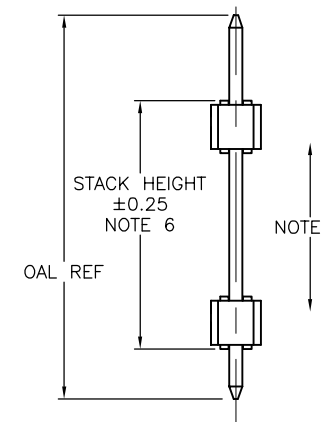
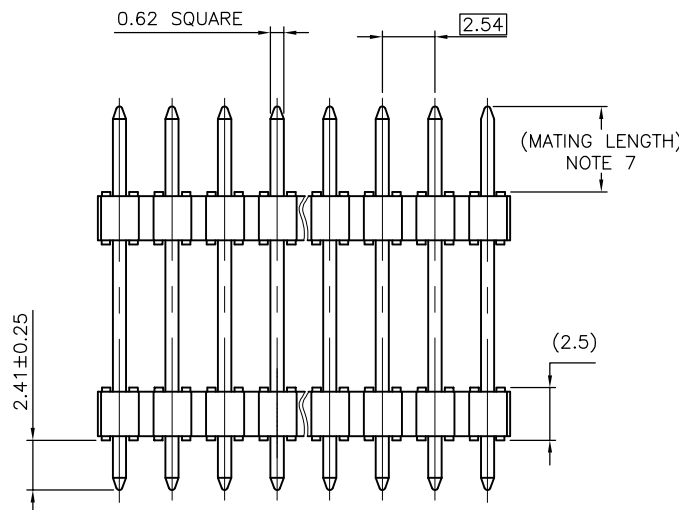
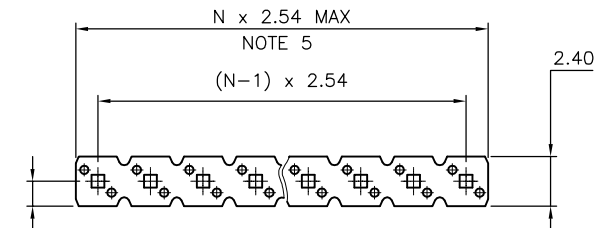
- 1 = 0.76µm GOLD/GXT ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL  
OVER 1.27µm Ni MIN
- 4 = 2µm MIN MATTE TIN  
OVER 1.27µm Ni MIN
- 5 = 0.25µm GOLD/GXT ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL  
OVER 1.27µm Ni MIN
- 8 = 0.38µm GOLD/GXT ON CONTACT AREA  
2µm MIN MATTE TIN ON TAIL  
OVER 1.27µm Ni MIN

RoHS COMPATIBLE  
SEE NOTE 8  
STACK HEIGHT, NOTE 6  
TOTAL NB OF POSITIONS  
02 TO 36

OAL	PIN STYLE
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

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 x 2.54 = 20.32mm
6. XXXX = MILLIMETERS  
5.0mm MIN TO 45.0mm MAX, IN 0.5mm INCREMENT  
EXAMPLE FOR STACK HEIGHT: 1 2 5 0 = 12.50mm
7. MATING LENGTH = (OAL)-(2.41)-(STACK HEIGHT)
8. 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.



RECOMMENDED HOLE PATTERN

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	B-17843	LMU	14.06.04	angles	UNSHR.HEADER STR SR TMT
J	B-18962	LMU	14.09.29	linear	
K	B-19782	AMA	14.12.16	x.xx ±0.13 x.xxx ±0.05	
E	F06-0196	LMU	06.06.13	dr	D.LE 01.01.24
F	F08-0148	RTR	08.03.31	engr	JM.C 01.01.24
G	B-15645	LMU	13.02.14	chr	JM.C 01.01.24
				appd	JF.N 01.01.24
sheet index	revision sheet				scale 4:1
					product family BERGSTIK
					title UNSHR.HEADER STR SR TMT
					dwg no 54111
					sheet 1 of 1 size A3
					type CUSTOMER Drawing