

PRODUCT NUMBER
54112-XXXXXXXXL

LEADED PRODUCT NUMBER
54112-XXX-XX-XXXX AS AVAILABLE

PLATING CODE

RoHS COMPATIBLE
SEE NOTE 8

STACK HEIGHT, NOTE 6

TOTAL NB OF POSITIONS
04 TO 72

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
ONLY AVAILABLE UPON REQUEST

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

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
21.25	19
23.5	08
26.04	09
26.42	14
27.50	34
28.00	18
28.58	10
29.70	31
30.48	20
31.12	11
32.15	21
33.66	12
34.00	13
36.20	16
37.30	22
37.95	32
38.40	23
40.00	30
41.00	33
42.30	24
43.00	25
47.00	26
52.00	27
55.00	35

NOTE 9

NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- STANDARD PACKAGING IN POLYBAG
- 9N MIN RETENTION IN EITHER DIRECTION
- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, N x 2.54 = 20.32mm
- XXXX = MILLIMETERS
SPECIFY MILLIMETERS
5.0mm MIN TO 45.0mm MAX AVAILABLE
IN 0.5mm INCREMENT
EXAMPLE FOR STACK HEIGHT: $\frac{1}{2} \frac{2}{7} \frac{5}{5} = 12.75\text{mm}$
- 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

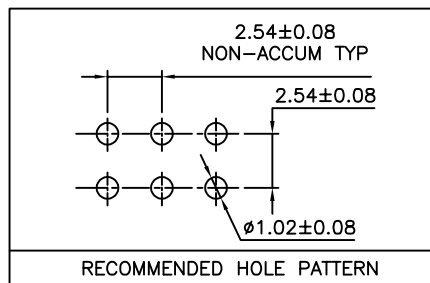
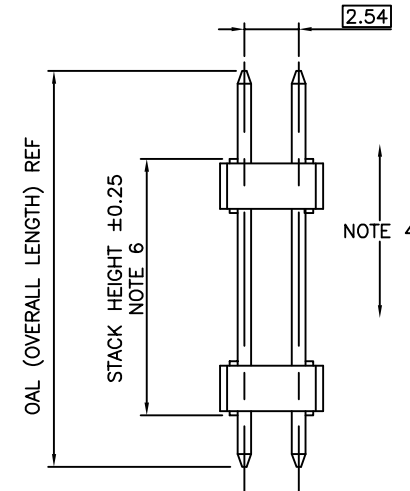
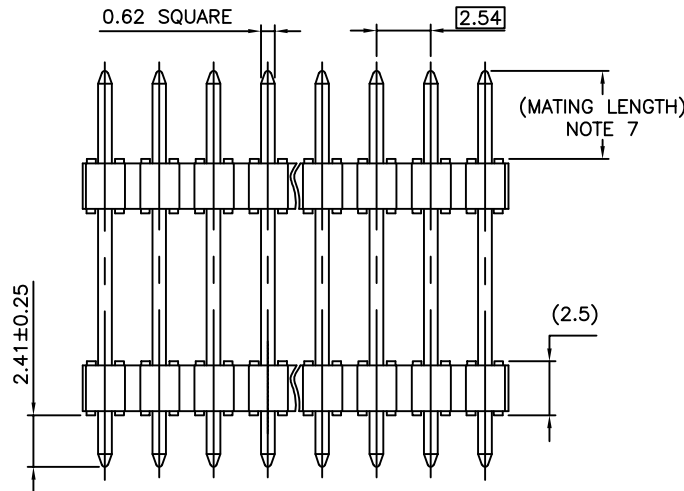
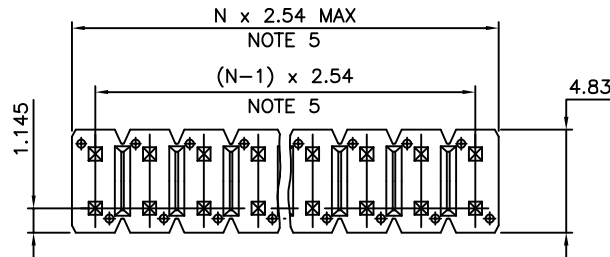
- THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C ±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION
WITH A 1.6mm MIN THICK CIRCUIT BOARD.

c - LABELLING:

- MEETS PACKAGING SPECS AS PER GS-14-920

- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED
IN GS-47-0004.

9. PIN STYLE 35 ONLY AVAILABLE WITH PLATING CODE "4"



mat'l. code	surface	tolerance	projection	product family
SEE NOTES	ISO 1302	ISO 406 ISO 1101		BERGSTIK
ltr	ecn no	dr	date	title
H	B-15647	LMU	13.02.14	UNSHR.HEADER
J	B-18962	LMU	14.09.29	STR DR TMT
K	B-19782	AMA	14.12.16	
L	F-46811	DDE	22.12.20	
M	F-47062	DDE	23.01.18	
G	F09-0009	JCO	09.02.16	
sheet	revision			
index	sheet			

tolerances unless otherwise specified	linear	angular	mm	scale 4:1
x.x ±0.3	x.xx ±0.13	x.xxx ±0.05		

dwg no	sheet 1 of 1	size
54112		A3
type	CUSTOMER	Drawing