

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

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, NOTE 8

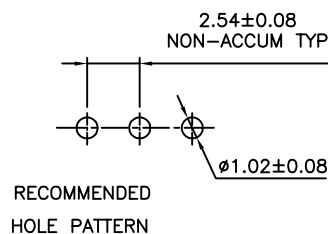
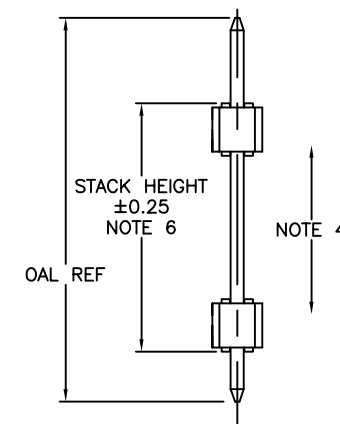
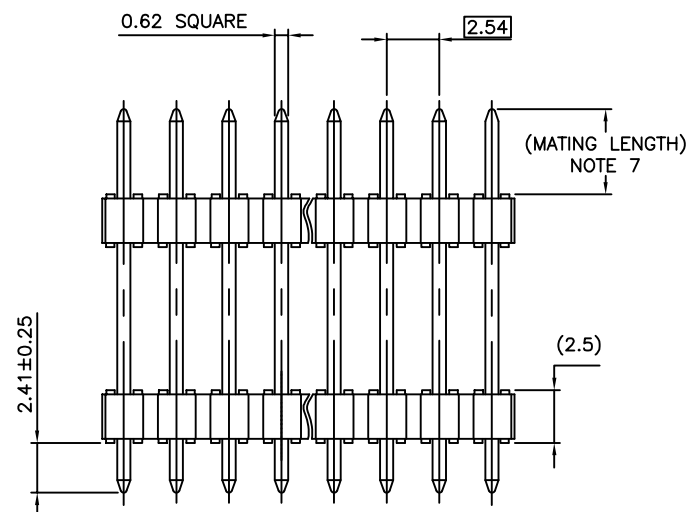
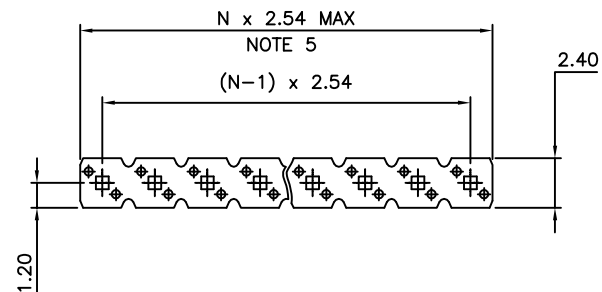
STACK HEIGHT, NOTE 6

TOTAL NB OF POSITIONS
02 TO 36

NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE
THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- PACKAGING: 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
5.0mm MIN TO 45.0mm MAX, IN 0.5mm INCREMENT
EXAMPLE FOR STACK HEIGHT: $\underline{1} \ \underline{2} \ \underline{5} \ \underline{0} = 12.50\text{mm}$
- MATING LENGTH = (OAL)-(2.41)-(STACK HEIGHT)
- 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
 - 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.
 - 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.

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



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-17843	LMU	14.06.04	UNSHR.HEADER
				STR SR TMT
C	F03-0227	DLE	03.06.13	dwg no
D	F04-0385	LMU	04.12.16	sheet 1 of 1
E	F06-0196	LMU	06.06.13	size
F	F08-0146	RTR	08.03.31	54111
G	B-15645	LMU	13.02.14	A3
				type
				CUSTOMER
				Drawing
sheet	revision			
index	sheet			