

RoHS COMPATIBLE PRODUCT NUMBER

54112-XXXXXXXXLF

LEADED PRODUCT NUMBER

54112-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
04 TO 72

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, $N \times 2.54 = 20.32\text{mm}$
- XXXX = MILLIMETERS
SPECIFY MILLIMETERS
5.0mm MIN TO 45.0mm MAX AVAILABLE
IN 0.5mm INCREMENT
EXAMPLE FOR STACK HEIGHT: $1 \ 2 \ 7 \ 5 = 12.75\text{mm}$
- 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

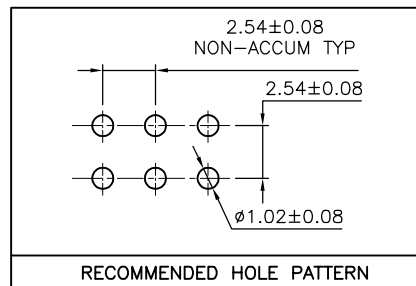
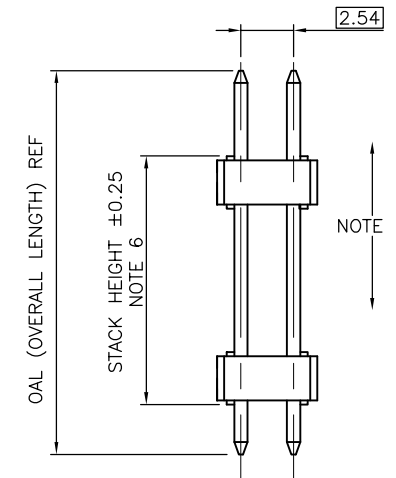
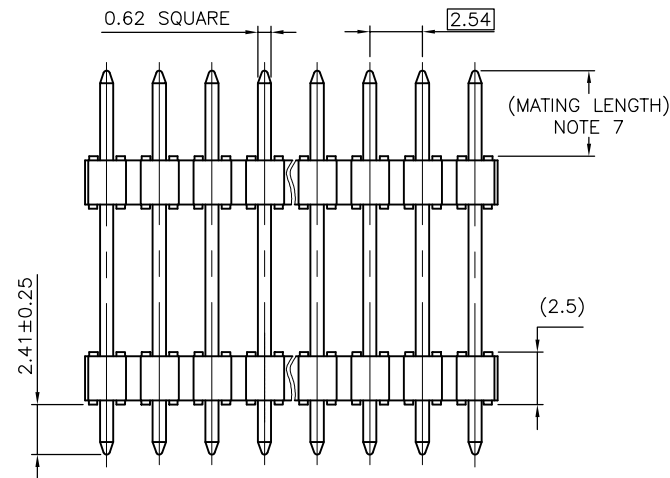
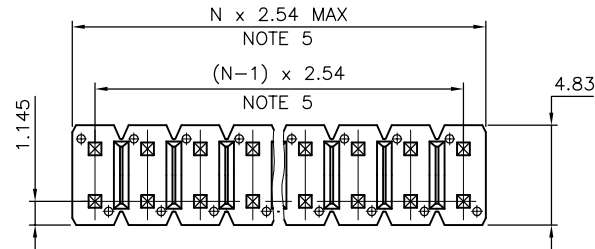
- THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C ±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION
WITH A 1.6mm MIN THICK CIRCUIT BOARD.

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.

OAL	PIN STYLE
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
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 SEE NOTES		surface ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTIK
ltr ecn no dr date		tolerances unless otherwise specified			title UNSHR.HEADER STR DR TMT
H	B-15647	LMU	13.02.14	angles linear	
J	B-18962	LMU	14.09.29		
K	B-19782	AMA	14.12.16		
		dr	LMU	01.01.24	dwg no
		engr	JCO	01.01.24	sheet 1 of 1
		chr	JCO	01.01.24	size A3
		appd	JCO	01.01.24	type CUSTOMER Drawing
sheet index	revision sheet				

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

54112-103120900LF	54112-105720950LF	54112-106101000RLF	54112-106200800LF	54112-107201450LF
54112-107400900LF	54112-108041200LF	54112-108081200LF	54112-108201000LF	54112-108261200LF
54112-108400800LF	54112-109041300LF	54112-109061800LF	54112-109160800LF	54112-110061750LF
54112-110101500LF	54112-110201750LF	54112-110301750LF	54112-110301950LF	54112-110402100LF
54112-110441900LF	54112-111102300LF	54112-111202300LF	54112-111262300LF	54112-111442000LF
54112-112401850LF	54112-406261000LF	54112-408061500LF	54112-408081150LF	54112-408141500LF
54112-408161150LF	54112-801160800LF	54112-803120900LF	54112-803500800LF	54112-804500800LF
54112-807081400LF	54112-807161250LF	54112-807201000LF	54112-808201000LF	54112-809041000LF
54112-809101700LF	54112-809141800LF	54112-809261850LF	54112-810201750LF	54112-810241800LF
54112-810621500LF	54112-811042400LF	54112-811060850LF	54112-811081900LF	54112-812101850LF
54112-812202300LF	54112-816202500LF	54112-103320850LF	54112-108321350LF	54112-109261700LF
54112-807201050LF	54112-807201450LF	54112-809101000LF	54112-809181000LF	54112-812122200LF
54112-812122500LF	54112-103060800LF	54112-106141150LF	54112-107341050LF	54112-108140800LF
54112-108201200LF	54112-108221200LF	54112-109201500LF	54112-406141050LF	54112-809062000LF
54112-104100800LF	54112-108121200LF	54112-112402000LF	54112-109141800LF	54112-812262450LF
54112-108501600LF	54112-109501850LF	54112-111121850LF	54112-806081050LF	54112-106081100LF
54112-106201050LF	54112-106341050LF	54112-107401300LF	54112-109062000LF	54112-109081700LF
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54112-810061400LF	54112-810621400LF	54112-811121900LF	54112-108101500LF	54112-108241500LF
54112-109121350LF	54112-109121400LF	54112-807101000LF	54112-807101050LF	54112-807361000LF