

RoHS COMPATIBLE PRODUCT NUMBER

54242-XXXXXXXXLF

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 50

PIN	STYLE	OAH
01		10.42
02		11.72
03		14.12
04		14.98
05		15.87
06		17.13
07		19.18
08		21.72
09		24.26
10		26.8
11		29.34
12		31.88
13		32.22
14		24.64
15		14.78
16		34.42
18		26.22
19		20.62
20		28.70
21		30.37
22		35.52
23		36.62
24		40.52
25		41.22
26		45.22
27		50.22
28		18.72
29		43.00

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
EX: 8 POS PER ROW, $N \times 2.54 = 20.32\text{mm}$
6. XXXX = MILLIMETERS
SPECIFY MILLIMETERS
9.5mm MIN TO 26.0mm MAX AVAILABLE
IN 0.5mm INCREMENT
EXAMPLE FOR STACK HEIGHT: 1 2 5 0 = 12.5mm
7. MATING LENGTH = (OAH)-(STACK HEIGHT)

8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

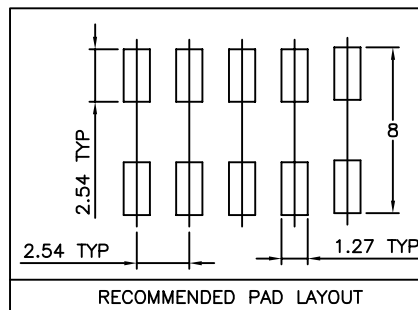
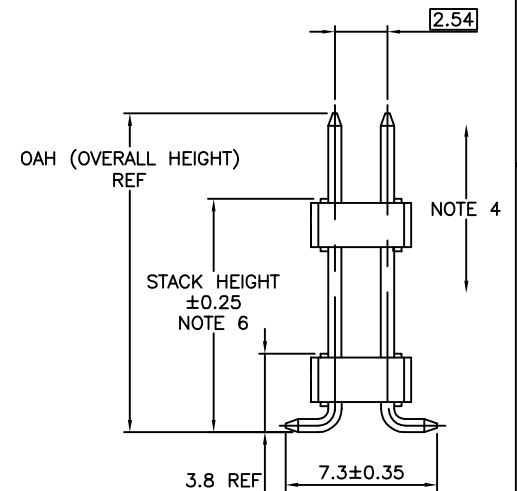
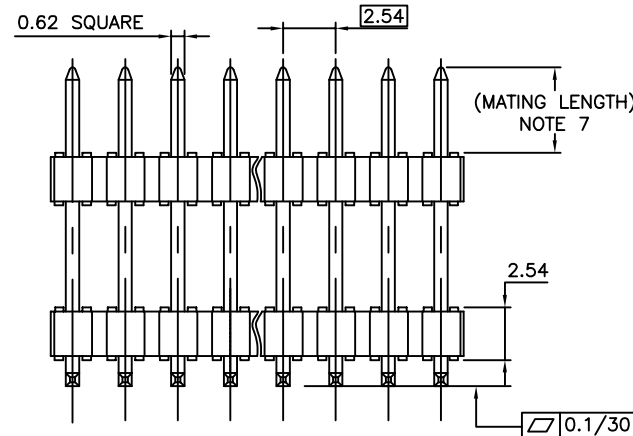
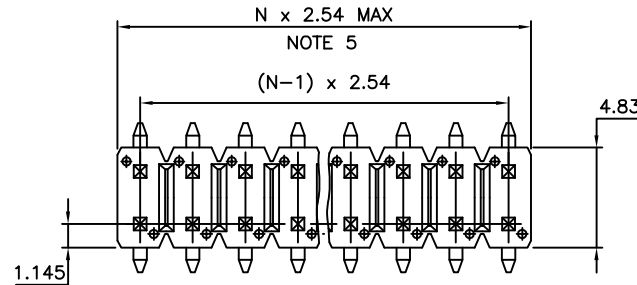
- "LF" MEANS THE PRODUCT IS LEAD-FREE,
2µm MINIMUM MATTE TIN OVER 1.27µm
MINIMUM NICKEL UNDERPLATE.

b - MANUFACTURING PROCESS COMPATIBILITY

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



mat'l. code				surface		tolerance		projection		product family	
SEE NOTES				ISO 1302		ISO 406 ISO 1101		mm		BERGSTIK	
ltr	ecn	no	dr	date	tolerances unless otherwise specified		x.xx ±0.3		mm		title
H	B-17848	LMU		14.06.05	angles		x.xx ±0.13		scale 4:1		UNSHR.HEADER
J	B-18962	LMU		14.09.29	linear		x.xxx ±0.05		FCI		STR DR SMT
K	B-19782	AMA		14.12.16							
L	B-20301	BVE		15.02.23	dr	D.LE	01.01.24			dwg no	sheet 1 of 1 size
M	F-21721	LMU		15.08.19	engr	JM.C	01.01.24			54242	A3
					chr	JM.C	01.01.24			type	CUSTOMER Drawing
					appd	JF.N	01.01.24				
G	F08-0148	RTR		08.03.31							
sheet	revision										
index	sheet										

Mouser Electronics

Authorized Distributor

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

Amphenol:

[54242-111202300LF](#)

FCI / Amphenol:

<u>54242-807-04-0950</u>	<u>54242-807-28-0950</u>	<u>54242-406201200LF</u>	<u>54242-406341050LF</u>	<u>54242-103101000LF</u>	<u>54242-</u>
<u>103200950LF</u>	<u>54242-103240950LF</u>	<u>54242-103400950LF</u>	<u>54242-104400950LF</u>	<u>54242-105101000LF</u>	<u>54242-</u>
<u>106101150LF</u>	<u>54242-106141000LF</u>	<u>54242-106261100LF</u>	<u>54242-106481050LF</u>	<u>54242-107201300LF</u>	<u>54242-</u>
<u>107321300LF</u>	<u>54242-108040950LF</u>	<u>54242-108081600LF</u>	<u>54242-108101400LF</u>	<u>54242-108101600LF</u>	<u>54242-</u>
<u>108261600LF</u>	<u>54242-108401600LF</u>	<u>54242-109101400LF</u>	<u>54242-109101450LF</u>	<u>54242-112242000LF</u>	<u>54242-</u>
<u>112502000LF</u>	<u>54242-403081000LF</u>	<u>54242-407501200LF</u>	<u>54242-411082300LF</u>	<u>54242-802140950LF</u>	<u>54242-</u>
<u>803081000LF</u>	<u>54242-806101150LF</u>	<u>54242-806141000LF</u>	<u>54242-806161050LF</u>	<u>54242-806301050LF</u>	<u>54242-</u>
<u>807040950LF</u>	<u>54242-807140950LF</u>	<u>54242-807161100LF</u>	<u>54242-807200950LF</u>	<u>54242-807201300LF</u>	<u>54242-</u>
<u>807280950LF</u>	<u>54242-807300950LF</u>	<u>54242-807301100LF</u>	<u>54242-807341400LF</u>	<u>54242-808040950LF</u>	<u>54242-</u>
<u>808301350LF</u>	<u>54242-809121500LF</u>	<u>54242-809141800LF</u>	<u>54242-809241850LF</u>	<u>54242-809301500LF</u>	<u>54242-</u>
<u>103300950LF</u>	<u>54242-107121050LF</u>	<u>54242-105121150LF</u>	<u>54242-107141250LF</u>	<u>54242-106301250LF</u>	<u>54242-</u>
<u>105260950LF</u>	<u>54242-106320950LF</u>	<u>54242-107161000LF</u>	<u>54242-107261300LF</u>	<u>54242-107320950LF</u>	<u>54242-</u>
<u>108140950LF</u>	<u>54242-108141450LF</u>	<u>54242-108161400LF</u>	<u>54242-108280950LF</u>	<u>54242-109161400LF</u>	<u>54242-</u>
<u>111121800LF</u>	<u>54242-112502600LF</u>	<u>54242-805121150LF</u>	<u>54242-806201150LF</u>	<u>54242-806401200LF</u>	<u>54242-</u>
<u>807141250LF</u>	<u>54242-808140950LF</u>	<u>54242-808161450LF</u>	<u>54242-808280950LF</u>	<u>54242-809221500LF</u>	<u>54242-</u>
<u>811502250LF</u>	<u>54242-105140950LF</u>	<u>54242-106101100LF</u>	<u>54242-107161150LF</u>	<u>54242-109101700LF</u>	<u>54242-</u>
<u>109141700LF</u>	<u>54242-107101350LF</u>	<u>54242-109201550LF</u>	<u>54242-810281950LF</u>	<u>54242-106201200LF</u>	<u>54242-</u>
<u>107201200LF</u>	<u>54242-402181050LF</u>	<u>54242-111282300LF</u>	<u>54242-806201000LF</u>	<u>54242-107401000LF</u>	<u>54242-</u>
<u>106101250LF</u>	<u>54242-111102500LF</u>	<u>54242-108500950LF</u>	<u>54242-106720950LF</u>	<u>54242-105500950LF</u>	<u>54242-</u>
<u>111362300LF</u>	<u>54242-108041000LF</u>	<u>54242-112500950LF</u>	<u>54242-105300950LF</u>	<u>54242-109401850LF</u>	