

RoHS COMPATIBLE PRODUCT NUMBER
54242-XXXXXXXXL

PLATING

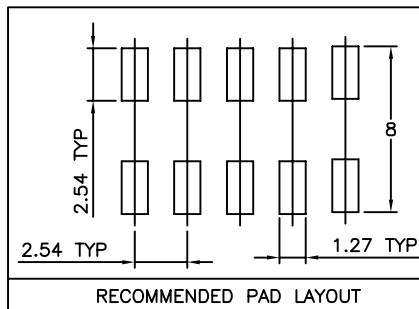
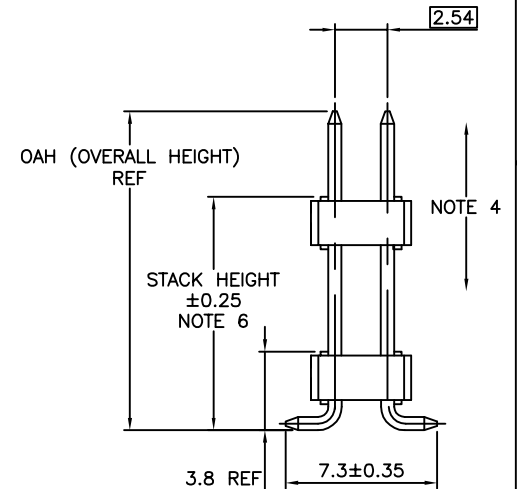
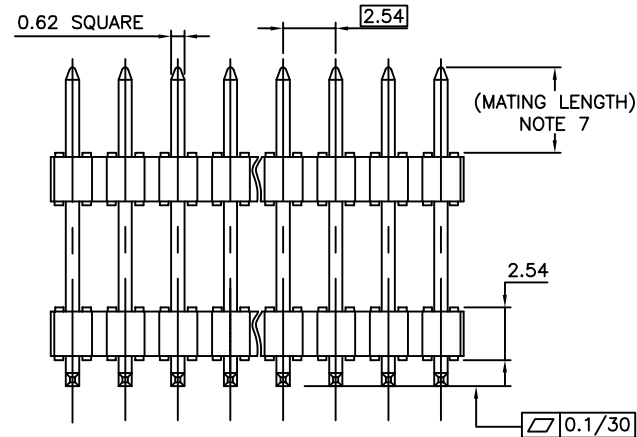
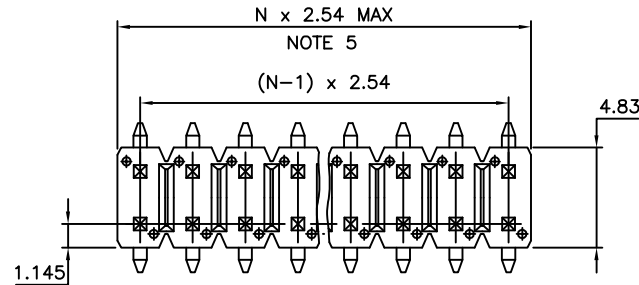
- 1 = 0.76µm GOLD/GXT ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
OVER 1.27µm Ni MIN
- 4 = 2µm MIN MATTE TIN
OVER 1.27µm Ni MIN
- 5 = 0.25µm GOLD/GXT ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
OVER 1.27µm Ni MIN
- 8 = 0.38µm GOLD/GXT ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
OVER 1.27µm Ni MIN

- 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:

- 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
EX: 8 POS PER ROW, $N \times 2.54 = 20.32\text{mm}$
- 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
- MATING LENGTH = (OAH)-(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
 - 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



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