

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:

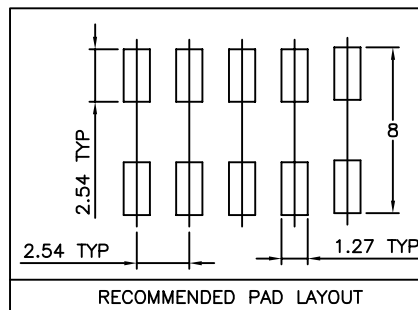
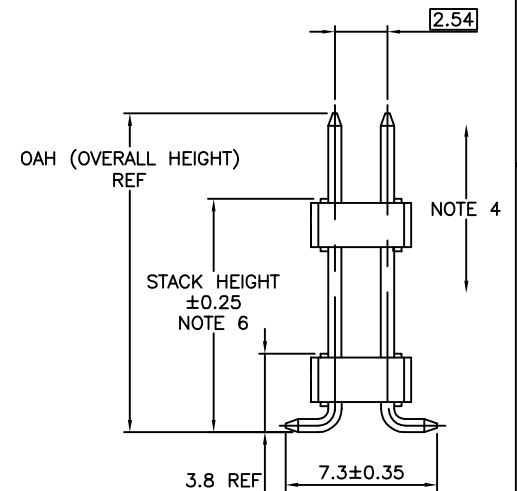
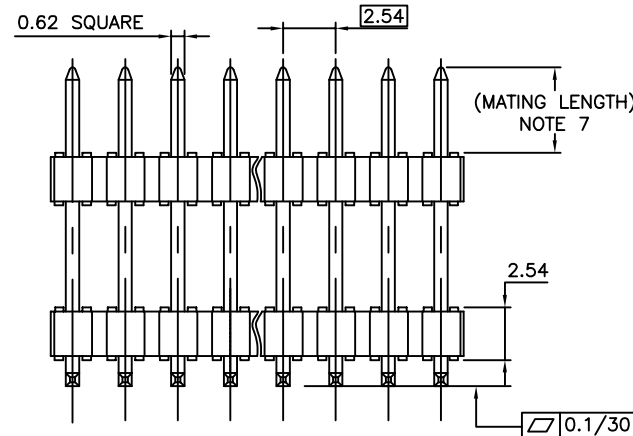
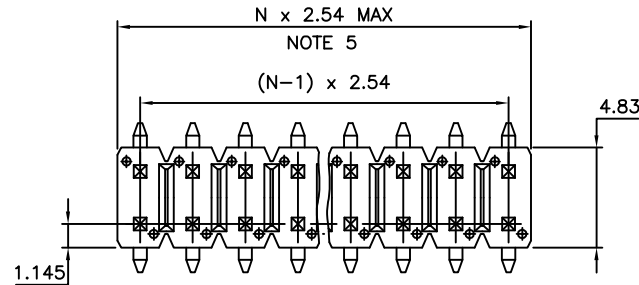
- "LF" MEANS THE PRODUCT IS LEAD-FREE,
2µm MINIMUM MATTE TIN OVER 1.27µm
MINIMUM NICKEL UNDERPLATE.

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		BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
H	B-17848	LMU	14.06.05	angles	UNSHR.HEADER STR DR SMT
J	B-18962	LMU	14.09.29	linear	
K	B-19782	AMA	14.12.16	x.xx ±0.13	dwg no
L	B-20301	BVE	15.02.23	x.xxx ±0.05	sheet 1 of 1
M	F-21721	LMU	15.08.19	chr	size
G	F08-0148	RTR	08.03.31	JF.N	A3
sheet index	revision sheet				type
					CUSTOMER
					Drawing

Mouser Electronics

Authorized Distributor

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

FCI / Amphenol:

54242-807-04-0950	54242-103101000LF	54242-103400950LF	54242-105101000LF	54242-106101150LF	54242-
106141000LF	54242-106261100LF	54242-106481050LF	54242-107321300LF	54242-403081000LF	54242-
407501200LF	54242-411082300LF	54242-802140950LF	54242-803081000LF	54242-806101150LF	54242-
806161050LF	54242-806301050LF	54242-807140950LF	54242-807161100LF	54242-807200950LF	54242-
807201300LF	54242-807280950LF	54242-807300950LF	54242-807301100LF	54242-808301350LF	54242-
809121500LF	54242-809141800LF	54242-809241850LF	54242-809301500LF	54242-103300950LF	54242-
107121050LF	54242-107101350LF	54242-109201550LF	54242-810281950LF	54242-107401000LF	54242-
106101250LF	54242-111102500LF	54242-108500950LF	54242-106720950LF	54242-105500950LF	54242-
111362300LF	54242-108041000LF	54242-112500950LF	54242-105300950LF	54242-109401850LF	54242-
103100950LF	54242-108181400LF	54242-106301300LF	54242-108121200LF	54242-106041200LF	54242-
406141300LF	54242-110362050LF	54242-102160800LF	54242-107101400LF	54242-106500950LF	54242-
106061050LF	54242-109081400LF	54242-111500950LF	54242-102260800LF	54242-107140950LF	54242-
101500950LF	54242-108401550LF	54242-110482050LF	54242-110500950LF	54242-112102600LF	54242-
411202250LF	54242-407101200LF	54242-104500950LF	54242-110202200LF	54242-107081400LF	54242-
108121250LF	54242-106361050LF	54242-110162150LF	54242-109201600LF	54242-107041400LF	54242-
106141300LF	54242-407101650LF	54242-105080950LF	54242-110081800LF	54242-107281500LF	54242-
106500900LF	54242-112201500LF	54242-103500950LF	54242-109500950LF	54242-102500950LF	54242-
107081000LF	54242-108101450LF	54242-106201300LF	54242-101340950LF	54242-107500950LF	54242-
411322250LF	54242-808162050LF	54242-409081400LF	54242-108161000LF	54242-105100950LF	54242-
807081250LF	54242-111502500LF	54242-806320950LF	54242-803160950LF	54242-807041250LF	