

RoHS COMPATIBLE PRODUCT NUMBER
54112-XXXXXXXXXLF

STANDARD PRODUCT NUMBER
54112-XXX-XX-XXXX

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
SEE NOTE 8

STACK HEIGHT
NOTE 6

TOTAL NB OF POSITIONS
04 TO 72

PLATING

- 1 = 0.76µm GOLD/GXT ON CONTACT AREA
3.81µm TIN/LEAD ON TAIL
OVER 1.27µm Ni MIN
- 8 = 0.38µm GOLD/GXT ON CONTACT AREA
3.81µm TIN/LEAD ON TAIL
OVER 1.27µm Ni MIN
- 4 = TIN LEAD
OVER 1.27µm Ni MIN

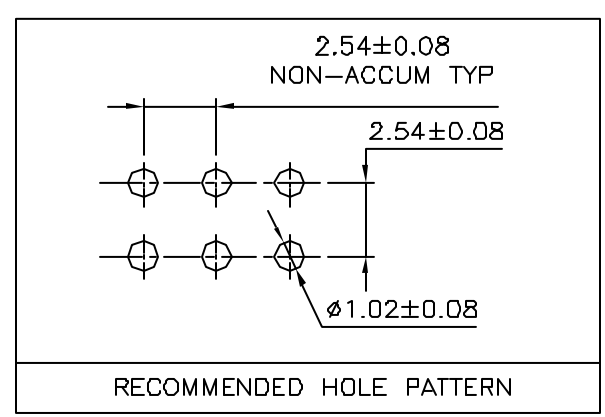
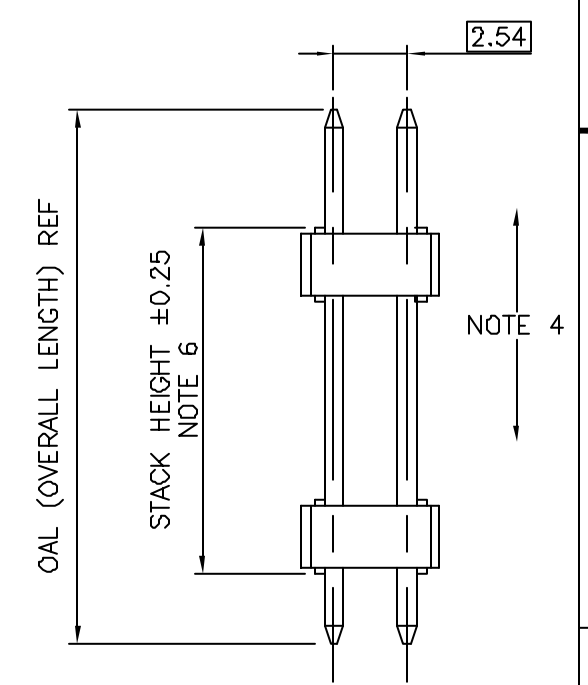
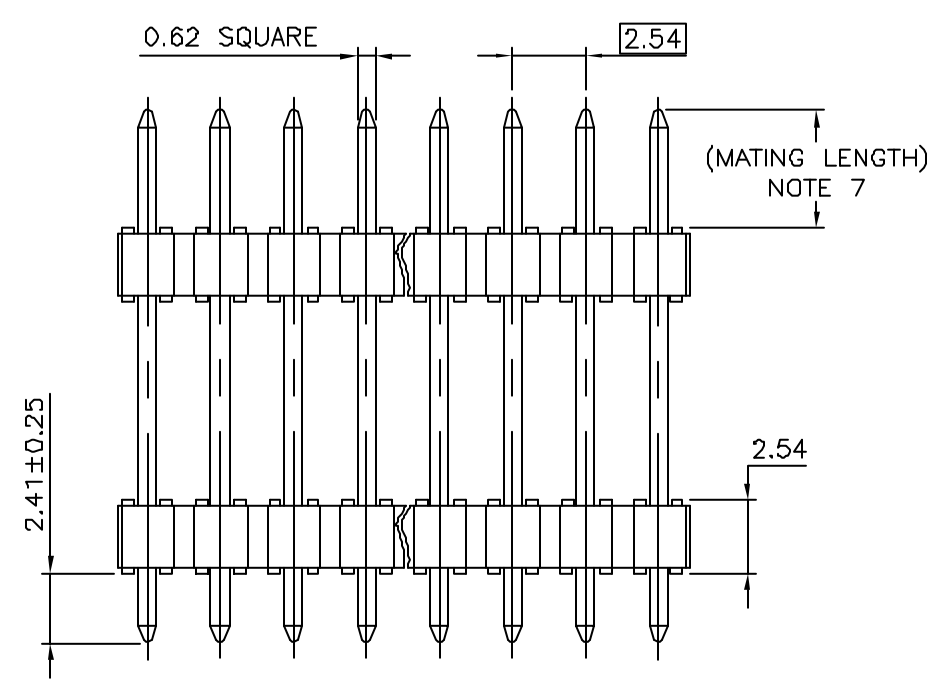
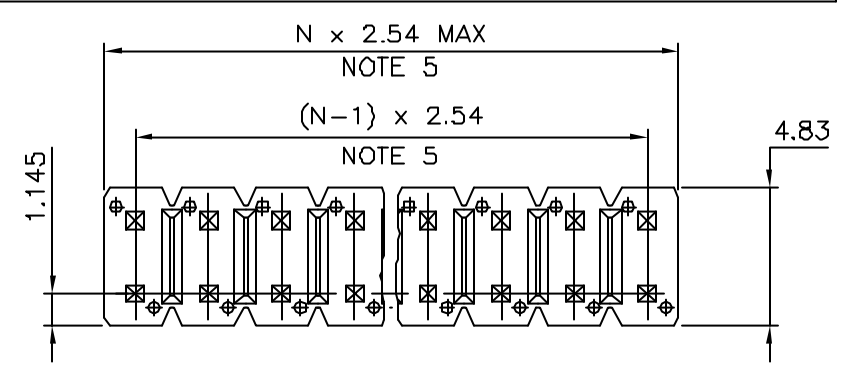
STACK HEIGHT
NOTE 6

TOTAL NB OF POSITIONS
04 TO 72

NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- PRODUCT PACKAGED IN 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
SPECIFY MILLIMETERS
8mm MIN TO 25.0mm MAX AVAILABLE
IN 0.5mm INCREMENT
EXAMPLE FOR STACK HEIGHT: $\underline{1} \ \underline{2} \ \underline{5} \ \underline{0} = 12.5\text{mm}$
- 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-22-008

PIN STYLE	OAL
01	12.2
02	13.5
03	15.9
04	16.76
05	17.65
06	18.91
07	20.96
08	23.5
09	26.04
10	28.58
11	31.12
12	33.66
13	34
14	26.42
15	16.56
16	36.2
18	28
19	21.25



mat'l. code SEE NOTES				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTIK			
Ltr	ecn	na	dr	date	tolerances unless otherwise specified		title UNSHR.HEADER STR DR TMT			
A	F10119	DLE		01.01.24	angles	x.x ±0.3	scale 4:1			
B	F10305	JCO		01.05.03	Linear	x.xx ±0.13				
C	F03-0227	DLE		03.06.13		x.xxx ±0.05				
D	F04-0385	LMU		04.12.16	dr	LMU				
E	F06-0196	LMU		06.06.13	enrg	JCO				
F	F08-0148	RTR		08.03.31	chr	JCO				
G	F09-0009	JCO		09.02.16	appd	JCO				
sheet index	revision	sheet					dwg no 54112			
							sheet 1 of 1			
							size A3			
							type CUSTOMER Drawing			



Mouser Electronics

Authorized Distributor

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

FCI / Amphenol:

54112-103120900LF	54112-106200800LF	54112-108041200LF	54112-108081200LF	54112-108400800LF	54112-
109160800LF	54112-110301750LF	54112-110301950LF	54112-110441900LF	54112-111442000LF	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	54112-809141800LF	54112-
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811081900LF	54112-812101850LF	54112-816202500LF	54112-103320850LF	54112-108321350LF	54112-
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807161500LF	54112-411401200LF	54112-818122250LF	54112-812061000LF	54112-109421950LF	54112-
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103500800LF	54112-805101000LF	54112-109041700LF	54112-110122000LF	54112-107121450LF	