

RoHS COMPATIBLE PRODUCT NUMBER
54122-XXXXXXXXXXLF

LEADED PRODUCT NUMBER
54122-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
- 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 9
- R : RETENTIVE LEG
- STACK HEIGHT, NOTE 6
- TOTAL NB OF POSITIONS 04 TO 72

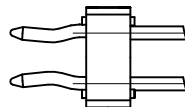
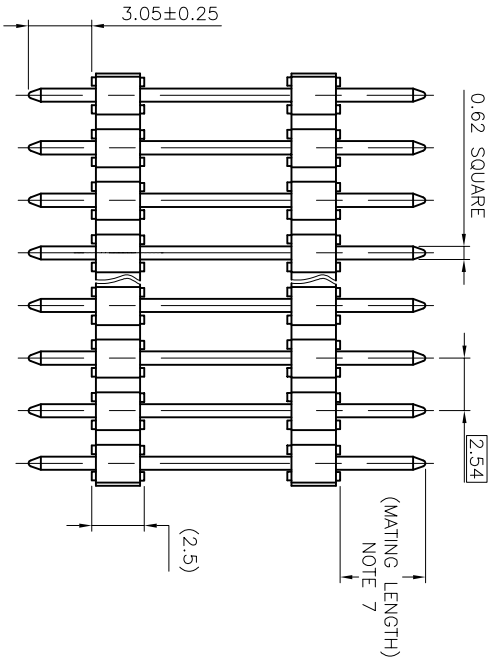
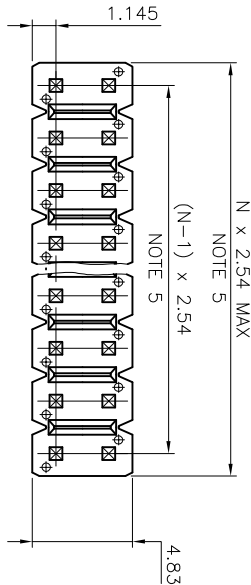
NOTES:

- 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 x 2.54 = 20.32mm
- XXXX = MILLIMETERS
SPECIFY MILLIMETERS
5.0mm MIN TO 60.00mm MAX AVAILABLE
OAL 65.0MM MAX AVAILABLE
EXAMPLE FOR STACK HEIGHT: $1 \ 2 \ 5 \ 0 = 12.5\text{mm}$
- MATING LENGTH = (OAL)-(3.05)-(STACK HEIGHT)
- RETENTION IS APPLIED TO TWO ADJACENT PINS AT EACH END OF THE PRODUCT SEE SCHEMA 1
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE

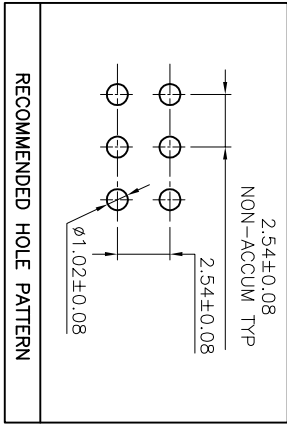
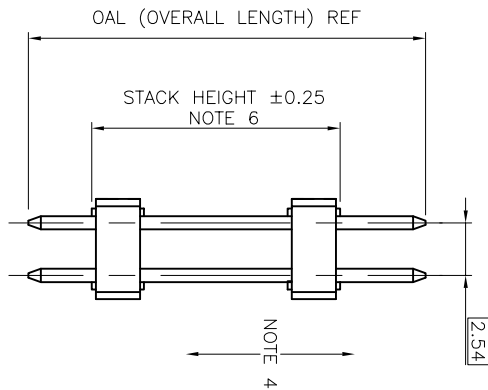
9. ROHS COMPATIBLE PRODUCT SPECIFICATIONS

- 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
- d - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

OAL	PIN STYLE
12.2	01
13.5	02
15.9	03
16.56	15
16.76	04
17.65	05
18.91	06
20.50	28
20.96	07
22.40	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



SCHEMA 1
TWO RETENTION PIN AT EACH
END OF THE PRODUCT



mat'l. code	SEE NOTES	surface	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101		mm	BERGSTIK
tr ecn no dr date	tolerances unless otherwise specified	linear	xx ±0.3		title
H F08-0148 RTR 08.03.31	angles	xx ±0.13			UNSHR.HEADER
J F10-0252 JCO 10.11.30	linear	xxx ±0.05	scale 4:1		SFR DR TMT
K F11-0034 LMU 11.03.03	linear	xxx ±0.05			
L B-15673 LMU 13.02.14	dr	DLE	01.01.24		dwg no
M C	engr	JM.C	01.01.24		sheet 1 of 1
F F04-0386 LMU 04.12.16	chr	JM.C	01.01.24		size
G F06-0196 LMU 06.06.13	ppd	JF.N	01.01.24		A3
sheet revision					type
index sheet					CUSTOMER Drawing

Mouser Electronics

Authorized Distributor

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

FCI / Amphenol:

<u>54122-105-60-0800</u>	<u>54122-121202300LF</u>	<u>54122-112062450LF</u>	<u>54122-503100635LF</u>	<u>54122-407081550LF</u>	<u>54122-</u>
<u>503160635LF</u>	<u>54122-112102450LF</u>	<u>54122-110262000LF</u>	<u>54122-812062400LF</u>	<u>54122-108261000LF</u>	<u>54122-</u>
<u>418062100LF</u>	<u>54122-424263600LF</u>	<u>54122-112102250LF</u>	<u>54122-110261000LF</u>	<u>54122-127404200LF</u>	<u>54122-</u>
<u>406100850LF</u>	<u>54122-123242450LF</u>	<u>54122-409201700LF</u>	<u>54122-520202050LF</u>	<u>54122-127084200LF</u>	<u>54122-</u>
<u>824343000LF</u>	<u>54122-510201900LF</u>	<u>54122-806100850LF</u>	<u>54122-508341400LF</u>	<u>54122-510401900LF</u>	<u>54122-</u>
<u>107081300LF</u>	<u>54122-812042300LF</u>	<u>54122-113102400LF</u>	<u>54122-108201000LF</u>	<u>54122-510062000LF</u>	<u>54122-</u>
<u>105200800LF</u>	<u>54122-403041000LF</u>	<u>54122-106120880LF</u>	<u>54122-426044090LF</u>	<u>54122-510122000LF</u>	<u>54122-</u>
<u>531102100LF</u>	<u>54122-811181750LF</u>	<u>54122-111322000LF</u>	<u>54122-107100800LF</u>	<u>54122-107300800LF</u>	<u>54122-</u>
<u>118101850LF</u>	<u>54122-118101850TLF</u>	<u>54122-110142000LF</u>			