

PRODUCT NUMBER

57102-XXX-XXXXXLF

PLATING

S = 0.38µm GOLD/GXT ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL

G = 0.76µm GOLD/GXT ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL

F = GOLD FLASH ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL

1.27µm MIN NICKEL UNDERPLATING

RoHS COMPATIBLE SEE NOTE 7

POLARIZATION, SEE NOTE 6

PACKAGING, SEE NOTE 5

NB OF POSITIONS PER ROW: 02 TO 25 POS

PIN STYLE	POST LENGTH	TAIL LENGTH	OAL
02	2.00	2.50	6.00
04	2.00	3.00	6.50
06	4.00	2.50	8.00
08	4.00	3.00	8.50
10	6.00	3.00	10.50
12	5.71	4.37	11.58

NOTES:

1. MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC
UL 94V-0, COLOR BLACK

2. MATERIAL TERMINAL: COPPER ALLOY

3. TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW

4. 7N MIN. PIN RETENTION IN EITHER DIRECTION.

5. PACKAGING:

= STANDARD PACKAGING IN POLYBAGS

- = PACKAGING POLYBAGS WHEN POLARIZATION FEATURE APPLICABLE

U = TUBE AVAILABLE FROM 03 TO 25 POS PER ROW

6. FOR POLARIZATION, SPECIFIED PIN

EXAMPLE : 03 = OMIT PIN POSITION 3, SEE TOP VIEW

OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE

7. 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.

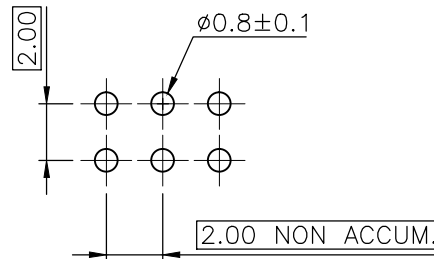
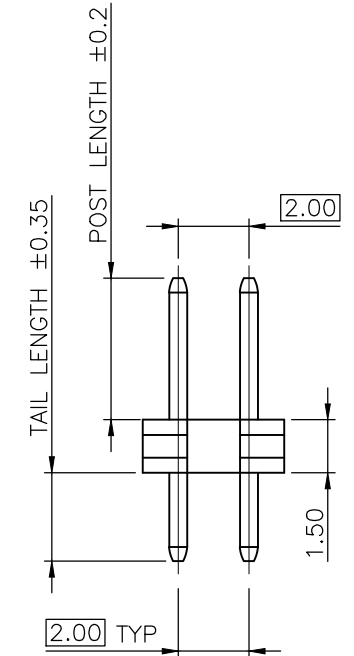
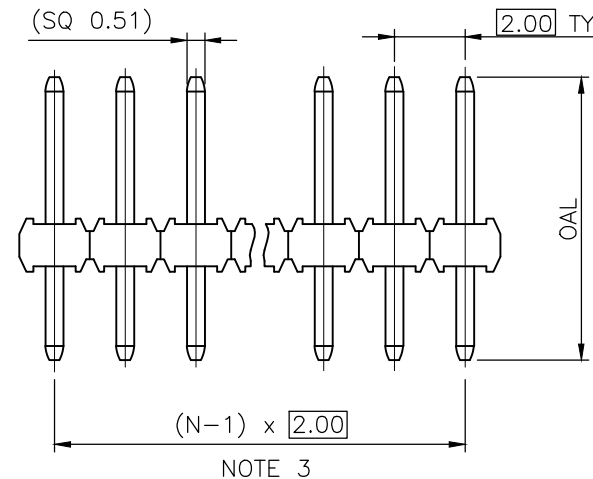
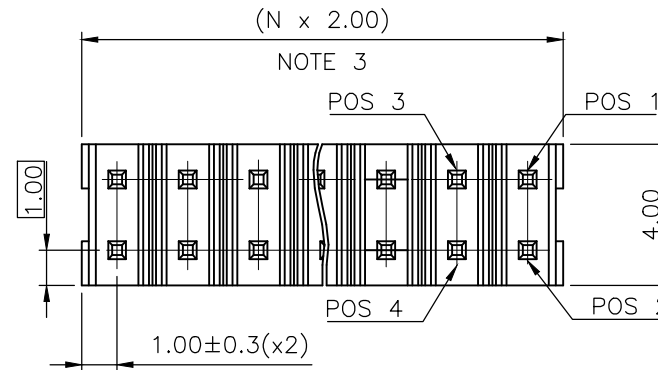
- COMPATIBLE TO REFLOW PROCESS 260°C MAX
FOR 30 SECONDS

c - LABELLING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT : SEE GS-47-0004

TOP VIEW



RECOMMENDED HOLE PATTERN

mat'l. code				surface	tolerance	projection	product family
ISO 1302				ISO 406	ISO 101	MINITEK	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
L	F12-0062	LMU	12.05.25	angles	linear	.X ±0.3	UNSH HEADER
M	B-19190	LMU	14.10.24			.XX ±0.13	2.00 mm VERTICAL TMT
N	B-19797	AMA	14.12.16			.XXX ±0.05	
P	B-19988	LMU	15.01.13	dr	L.MULIN	04.05.06	dwg no
J	F08-0145	ELA	17.04.08	chr	engr J.COMPAGNON	04.11.25	sheet 1 of 1 size
K	F11-0026	JCO	11.05.12	appd	JM.C	04.11.25	57102 A3
sheet	revision						
index	sheet						
				type			
				CUSTOMER Drawing			

Mouser Electronics

Authorized Distributor

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

FCI / Amphenol:

[57102-F02-02LF](#) [57102-F02-24LF](#) [57102-F08-02-01RLF](#) [57102-S02-02LF](#) [57102-S02-25LF](#) [57102-S04-25LF](#)
[57102-S06-04LF](#) [57102-S06-06LF](#) [57102-S06-25LF](#) [57102-S08-02LF](#) [57102-S08-04LF](#) [57102-S08-11ULF](#) [57102-S08-22LF](#) [57102-S08-25LF](#) [57102-F06-10LF](#) [57102-G08-20LF](#) [57102-S06-04ULF](#) [57102-S08-05ULF](#) [57102-F02-09LF](#) [57102-F02-13LF](#) [57102-G02-05LF](#) [57102-G02-16LF](#) [57102-G08-13-26LF](#) [57102-G08-22-20LF](#) [57102-S04-10ULF](#) [57102-S04-25ULF](#) [57102-S06-02LF](#) [57102-S06-03LF](#) [57102-S06-05ULF](#) [57102-S06-06ULF](#) [57102-S06-07LF](#) [57102-S06-07ULF](#) [57102-S06-22LF](#) [57102-S06-25ULF](#) [57102-S08-03LF](#) [57102-S08-04ULF](#) [57102-S08-13-26LF](#) [57102-S08-22ULF](#) [57102-F04-04LF](#) [57102-F08-10-04LF](#) [57102-F08-10U04LF](#) [57102-G04-04LF](#) [57102-G02-04ULF](#) [57102-G04-04ULF](#) [57102-F06-03LF](#) [57102-S08-20LF](#) [57102-S06-05LF](#) [57102-S08-15LF](#) [57102-S02-02RLF](#)
[57102-F02-03LF](#) [57102-F02-18ULF](#) [57102-G04-03LF](#) [57102-F06-22RLF](#) [57102-S08-17ULF](#) [57102-S08-05LF](#) [57102-G02-08ULF](#) [57102-G02-04LF](#) [57102-G02-02LF](#) [57102-G10-25LF](#) [57102-G12-03LF](#) [57102-G10-05LF](#) [57102-G12-05LF](#) [57102-G04-05ULF](#) [57102-G04-10ULF](#) [57102-G02-03LF](#) [57102-S04-06ULF](#) [57102-G09-04ULF](#) [57102-S10-06LF](#) [57102-F13-02LF](#) [57102-F12-02LF](#) [57102-S06-12ULF](#) [57102-S08-10ULF](#)