

— RoHS COMPATIBLE, SEE NOTE 5
 — COLOR OPTION, SEE NOTE 1
 — PIN STYLE, SEE SHEET 2
 — PLATING SEE SHEET 2

- 1 - HOUSING MAT'L : GLASS FILLED
THERMOPLASTIC. UL94V-0
= STANDARD COLOR BLUE
B = OPTION COLOR BLACK
- 2 - PIN MATERIAL : PHOSPHOR BRONZE
- 3 - PACKAGING :
POLYBAGS FROM 2X02 TO 2X04 POSITIONS
TUBE FROM 2X05 TO 2X32 POSITIONS

4 - TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS $N \times 2.54 = 20.32\text{mm}$

a - PLATING:

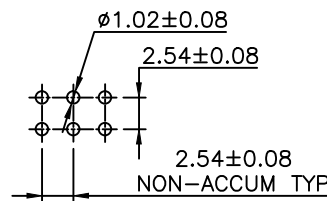
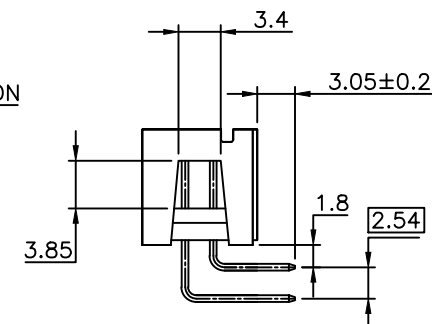
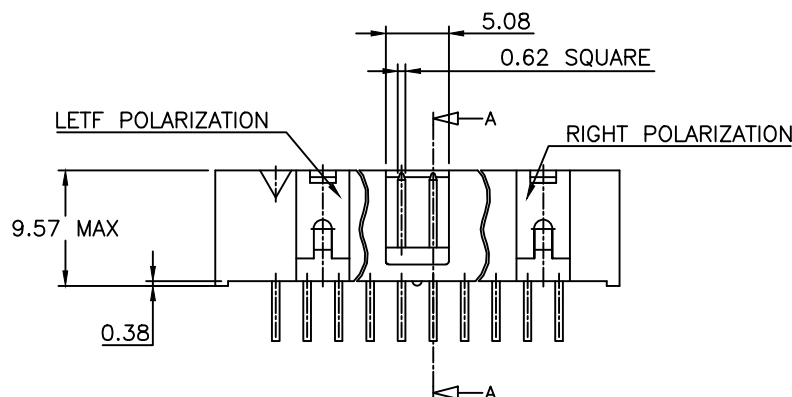
- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.

- 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.

- MEETS PACKAGING SPECS AS PER GS-14-920

Technical drawing of a 16-pin connector. The drawing shows a side view of the connector with 16 pins. Key dimensions and labels include:

- Pin Pitch:** $(N-1) \times 2.54 + 7.77$ (top dimension) and $N \times 2.54 + 7.21$ (bottom dimension), both labeled **NOTE 4**.
- Pin Spacing:** 2.54 (indicated by a dimension line and a boxed label).
- Pin Diameter:** 0.38 (indicated by a dimension line).
- Pin Height:** 9.2 (indicated by a dimension line).
- Pin Position:** POS 1, POS 2, POS 3, and POS 4 are labeled with arrows pointing to specific pins.
- Pin Length:** 6.15 MIN (indicated by a dimension line).
- Pin Spacing Tolerance:** $((N-1) \times 2.54) \pm 0.2$ (indicated by a dimension line).
- Pin Spacing Tolerance:** 2.54 (indicated by a dimension line and a boxed label).

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form: A3

STANDARD APPLICATION

PIN STYLE	Nbr OF POSITIONS	LEFT POLARIZATION	RIGHT POLARIZATION
30	2 x 2	NO	NO
31	2 x 3	NO	NO
32	2 x 4	NO	NO
01	2 x 5	NO	YES
02	2 x 7	NO	YES
03	2 x 8	YES	YES
04	2 x 10	YES	YES
05	2 x 13	YES	YES
33	2 x 15	YES	YES
06	2 x 17	YES	YES
07	2 x 20	YES	YES
08	2 x 25	YES	YES
09	2 x 30	YES	YES
10	2 x 32	YES	YES

PLATING :

- 1 = 0.76µm GOLD/GXT
(PdNi WITH GOLD FLASH) ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
- 2 = 2µm TIN MIN FULL PLATED
- 3 = 0.38µm GOLD/GXT
(PdNi WITH GOLD FLASH) ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL

UNDERPLATE : 1.27µm Ni MIN

APPLICATION SPECIFIC

PIN STYLE	Nbr OF POSITIONS	LEFT POLARIZATION	RIGHT POLARIZATION	OMIT PIN
13	2 x 17	YES	YES	5
14	2 x 20	YES	YES	19
34	2 x 5	NO	YES	5
35	2 x 10	YES	YES	19
36	2 x 20	YES	YES	10
37	2 x 20	YES	YES	11
38	2 x 20	YES	YES	20
39	2 x 5	NO	YES	10

PLATING :

- 1 = 0.76µm GOLD/GXT
(PdNi WITH GOLD FLASH) ON CONTACT AREA
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- 3 = 0.38µm GOLD/GXT
(PdNi WITH GOLD FLASH) ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL

UNDERPLATE : 1.27µm Ni MIN

mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101		QUICKIE
AJ	B-19093	LMU	14.10.16	tolerances unless otherwise specified		mm	title
AK	F-21731	AMA	15.08.20	angles	linear	scale N/A	SHR.LP.HEADER RA DR TMT
AE	F04-0389	JCO	04.09.21	dr	D.LE	01.01.24	dwg no
AF	F06-0229	AH	06.07.18	engr	JM.C	01.01.24	sheet 2 of - size
AG	F07-0198	LMU	07.05.30	chr	JF.N	01.01.24	75867 A3
AH	F08-0148	YOV	08.04.11	appd	JM.C	01.01.24	type
sheet	revision						CUSTOMER Drawing
index	sheet						