

PRODUCT NUMBER

75869-YXXLF

WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 5

PIN STYLE, SEE SHEET 2 & 3.

PLATING SEE SHEET 2 & 3.

NOTES:

- 1 - HOUSING MAT'L : GLASS FILLED
THERMOPLASTIC. UL94V-0 COLOR: BLUE
PART MEETS WITH GWT (725°C;960°C)
- 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 $N \times 2.54 = 20.32\text{mm}$
- 5 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

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

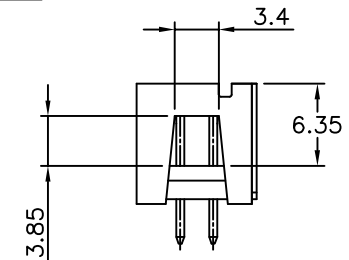
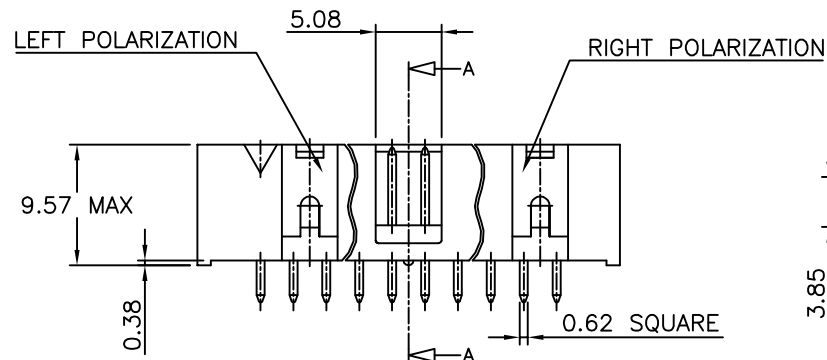
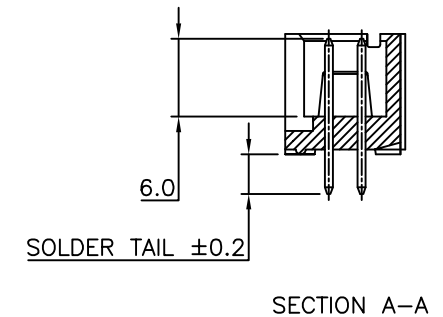
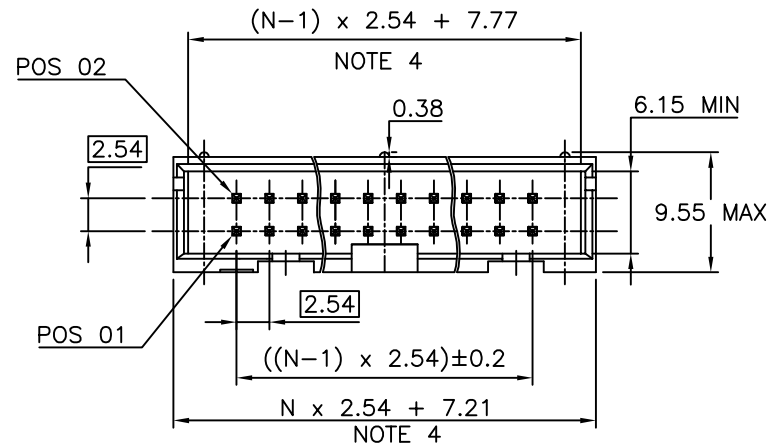
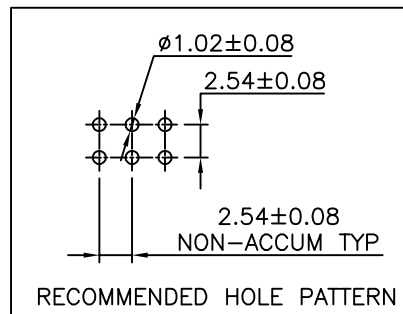
b - MANUFACTURING PROCESS COMPATIBILITY

- 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 - LEGAL STATEMENT: SEE GS-22-008



mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family QUICKIE			
ltr	ecn no	dr	date	tolerances unless otherwise specified					title SHR.LP.HEADER STR DR TMT				
BK	F12-0086	JCO	12.07.17	angles	linear	.X ±0.3			scale 2.5:1				
BL	F12-0805	LMU	12.10.25			.XX ±0.13							
						.XXX ±0.05							
BF	F08-0137	LMU	08.03.10	dr	D.LE		01.01.24		dwg no		sheet 1 of 3		size
BG	F08-0146	YOV	08.04.11	enrg	JM.C		01.01.24		75869		A3		
BH	F10-0217	LMU	10.09.16	chr	JF.N		01.01.24		type CUSTOMER Drawing				
BJ	F10-0258	LMU	10.12.15	appd	JM.C		01.01.24						
sheet	revision	BL	BD	G									
index	sheet	1	2	3									

1

2

3

4

5

6

CORE RANGE

PIN STYLE	NUMBER OF POSITIONS	SOLDER TAIL REF	LEFT POLARIZATION	RIGHT POLARIZATION
30	2 x 2	3.05	NO	NO
31	2 x 3	3.05	NO	NO
32	2 x 4	3.05	NO	NO
01	2 x 5	3.05	NO	YES
02	2 x 7	3.05	NO	YES
03	2 x 8	3.05	YES	YES
04	2 x 10	3.05	YES	YES
05	2 x 13	3.05	YES	YES
33	2 x 15	3.05	YES	YES
06	2 x 17	3.05	YES	YES
07	2 x 20	3.05	YES	YES
08	2 x 25	3.05	YES	YES
09	2 x 30	3.05	YES	YES
10	2 x 32	3.05	YES	YES

PLATING :

1 = 0.76µm GOLD/GXT
(PdNi WITH GOLD FLASH) ON CONTACT AREA
3.81µm TIN-LEAD ON TAIL
UNDERPLATE : 1.27µm Ni MIN

– WHEN SUFFIX LETTER "LF" IS REQUIRED,
2µm MIN MATTE TIN OVER 1.27µm MIN
NICKEL IS PROVIDED INSTEAD OF TIN-LEAD

CATALOGUE RANGE

PIN STYLE	NUMBER OF POSITIONS	SOLDER TAIL REF	LEFT POLARIZATION	RIGHT POLARIZATION
30	2 x 2	3.05	NO	NO
31	2 x 3	3.05	NO	NO
32	2 x 4	3.05	NO	NO
01	2 x 5	3.05	NO	YES
02	2 x 7	3.05	NO	YES
03	2 x 8	3.05	YES	YES
04	2 x 10	3.05	YES	YES
05	2 x 13	3.05	YES	YES
33	2 x 15	3.05	YES	YES
06	2 x 17	3.05	YES	YES
07	2 x 20	3.05	YES	YES
08	2 x 25	3.05	YES	YES
09	2 x 30	3.05	YES	YES
10	2 x 32	3.05	YES	YES

PLATING :

2 = 3.81µm TIN LEAD FULL PLATED

3 = 0.38µm GOLD/GXT
(PdNi WITH GOLD FLASH) ON CONTACT AREA
3.81µm TIN-LEAD ON TAIL
UNDERPLATE : 1.27µm Ni MIN

– WHEN SUFFIX LETTER "LF" IS REQUIRED,
2µm MIN MATTE TIN OVER 1.27µm MIN
NICKEL IS PROVIDED INSTEAD OF TIN-LEAD

B

B

C

C

D

D

mat'l. code				surface		tolerance		projection		product family				
				ISO 1302		ISO 406 ISO 1101				QUICKIE				
ltr	ecn no	dr	date	tolerances unless otherwise specified						title				
BC	F08-0137	LMU	08.03.10	angles	linear					SHR.LP.HEADER				
BD	F08-0146	YOV	08.04.11							STR DR TMT				
								scale N/A						
AX	F20138	LMU	02.02.07	dr	D.LE		01.01.24			dwg no		sheet 2 of -		size
AY	F04-0389	JCO	04.12.22	engr	JM.C		01.01.24			75869				A3
BA	F06-0229	LMU	06.07.18	chr	JF.N		01.01.24							
BB	F07-0198	LMU	07.05.30	appd	JM.C		01.01.24			type		CUSTOMER Drawing		
sheet index	revision sheet													

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PDM: Rev:BL

STATUS: **Released**

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