

1

2 3

4

5

6

PRODUCT NUMBER

75869-YXXLF

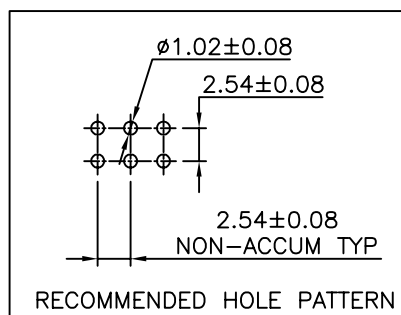
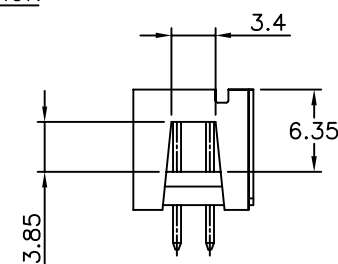
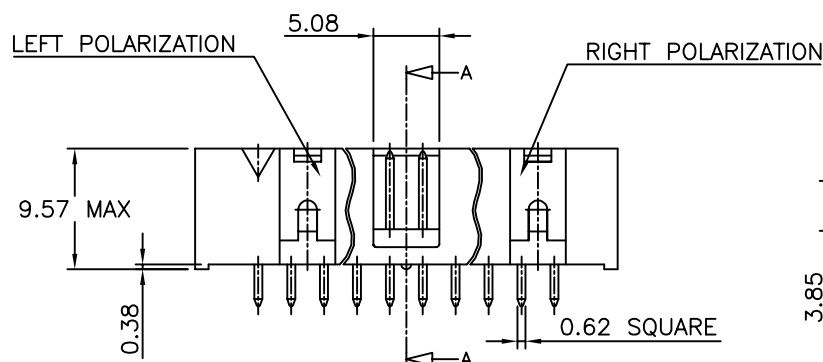
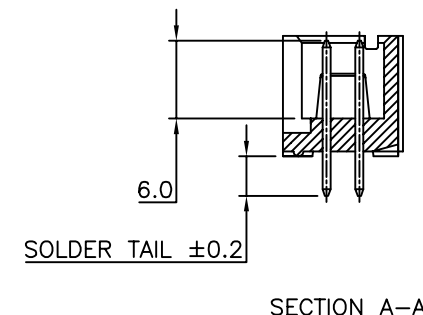
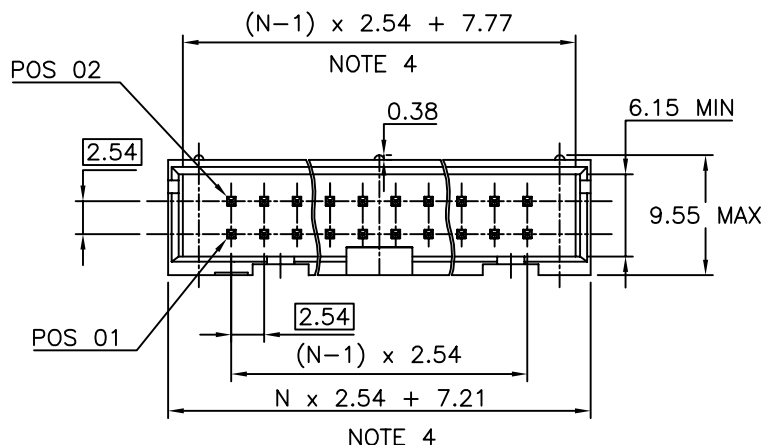
WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 5

PIN STYLE, SEE SHEET 2 & 3.

PLATING SEE SHEET 2 & 3.

NOTES:

- 1 - HOUSING MAT'L : GLASS FILLED THERMOPLASTIC. UL94V-0 COLOR: BLUE
- 2 - PIN MATERIAL : PHOSPHOR BRONZE
- 3 - PRODUCT PACKAGED IN TUBES.
- 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,
 $2\mu\text{m}$ MINIMUM MATTE TIN OVER $1.27\mu\text{m}$
MINIMUM NICKEL UNDERPLATE.
 - b - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND EXPOSURE TO
 $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$ 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				tolerances unless otherwise specified		CUSTOMER COPY		F C I ELECTRONICS www.fciconnect.com	
ltr	ecn	no	dr	date				projection	title
AU	F00105	LMU	00.01.18	linear	.X ± 0.3				SHR.LP.HEADER
AV	F10120	DLE	01.01.24		.XX ± 0.13				STR DR TMT
AW	F10715	JCO	01.11.30	angles	.XXX ± 0.05				
AX	F20138	LMU	02.02.07	dr		D.LE	01.01.24		product family QUICKIE
AY	F03080	LMU	03.04.04	engr		JM.C	01.01.24		code 213
BA	F04-0167	JCO	04.04.05	chr		JF.N	01.01.24		sheet 1 of 3
BB	F04-0389	JCO	04.09.16	appd		JM.C	01.01.24		
sheet	revision	BB	AY	B				scale	
index	sheet	1	2	3				2.5:1	
								A3	75869

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 Au ON CONTACT AREA, 3.81µm SnPb ON TAILS OVER 1.27µm Ni MIN.
- WHEN SUFFIX LETTER "LF" IS REQUIRED, 2µm MIN MATTE TIN OVER 1.27µm MIN Ni 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 SnPb OVER 1.27µm Ni MIN
- 3 = 0.38µm GOLD ON CONTACT AREA
3.81µm SnPb ON TAILS OVER 1.27µm Ni MIN
- WHEN SUFFIX LETTER "LF" IS REQUIRED, 2µm MIN MATTE TIN OVER 1.27µm MIN Ni IS PROVIDED INSTEAD OF TIN-LEAD

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY		 ELECTRONICS www.fciconnect.com	
ltr	ecn no	dr	date	linear				projection 	title SHR.LP.HEADER STR DR TMT	
AU	F00105	LMU	00.01.18							
AV	F10120	DLE	01.01.24							
AW	F10715	JCO	01.11.30	angles					product family QUICKIE size dwg no 75869	
AX	F20138	LMU	02.02.07	dr	D.LE	01.01.24	scale N/A			
AY	F04-0389	JCO	04.12.22	eng	JM.C	01.01.24				
				chr	JF.N	01.01.24				
				appd	JM.C	01.01.24			sheet 2 of -	
sheet index		revision sheet								

APPLICATION SPECIFIC

PIN STYLE	NUMBER OF POSITIONS	SOLDER TAIL REF	PIN MISSING	LEFT POLARIZATION	RIGHT POLARIZATION
44	2x03	3.05	PIN 2	NO	NO
40	2x03	3.05	PIN 6	NO	NO
51	2x03	7.60		NO	NO
41	2x04	3.05	PIN 1	NO	NO
55	2x04	3.05	PIN 8	NO	NO
59	2x05	3.05	PIN 1,2,9,10	NO	YES
37	2x07	3.05	PIN 1	NO	YES
13	2x07	3.05	PIN 3	NO	YES
14	2x07	3.05	PIN 5	NO	YES
46	2x07	3.05	PIN 6	NO	YES
12	2x07	3.05	PIN 7	NO	YES
57	2x07	3.05	PIN 12	NO	YES
11	2x07	3.05	PIN 13	NO	YES
56	2x07	3.05	PIN 14	NO	YES
43	2x08	3.05	PIN 6 & 7	YES	YES
38	2x10	3.05	PIN 2	YES	YES
34	2x10	3.05	PIN 15	YES	YES
58	2x10	3.05	PIN 18	YES	YES
35	2x13	3.05	PIN 26	YES	YES
25	2x13	7.60		YES	YES
54	2x15	7.60		YES	YES
19	2x15	4.1		YES	YES
17	2x17	3.05	PIN 3	YES	YES
39	2x17	3.05	PIN 5	YES	YES
26	2x17	7.60		YES	YES
15	2x20	3.05	PIN 8	YES	YES
16	2x20	3.05	PIN 17	YES	YES
18	2x20	3.05	PIN 20	YES	YES
36	2x20	3.05	PIN 37	YES	YES
45	2x20	3.05	PIN 25,27,28	YES	YES
27	2x20	7.60		YES	YES
42	2x25	3.05	PIN 25	YES	YES
28	2x25	7.60		YES	YES

PLATING :

- 1 = 0.76µm Au ON CONTACT AREA, 3.81µm SnPb ON TAILS OVER 1.27µm Ni MIN.
- 2 = 3.81µm SnPb OVER 1.27µm Ni MIN
- 3 = 0.38µm GOLD ON CONTACT AREA
3.81µm SnPb ON TAILS OVER 1.27µm Ni MIN
- WHEN SUFFIX LETTER "LF" IS REQUIRED, 2µm MIN MATTE TIN OVER 1.27µm MIN Ni IS PROVIDED INSTEAD OF TIN-LEAD.

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		F C I ELECTRONICS	
litr	ecr no	dr	date					www.fciconnect.com	
A	F20138	LMU	02.02.07	linear		projection		title	
B	F04-0389	JCO	04.12.22	angles		mm		SHR.LP.HEADER	
				dr	MULIN.L	02.01.29		product family QUICKIE	
				eng	COMPAGNON.J	02.01.29		size dwg no	
				chr	NOTTEAU.JF	02.01.29		A3 75869	
				app	M.C	02.01.29		213	
sheet index	revision sheet							3 of -	