

PRODUCT NUMBER
77709-YXXLF

RoHS COMPLIANT & COMPATIBLE, SEE NOTE 8

PIN STYLE SEE TABLE SHEET 2

PLATING:

1 = 0.76µm FULL GOLD/GXT

3 = 2.0µm MIN MATTE TIN FULL PLATED

7 = 0.13µm FULL GOLD

8 = 0.38µm FULL GOLD/GXT

G = 0.25µm GOLD/GXT ON CONTACT AREA, 2µm MIN MATTE TIN ON TAIL

1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC
FLAME RETARDANT PER UL94-VO, COLOR BLACK.

2. PIN MATERIAL : PHOSPHOR BRONZE.

3. STANDARD PACKAGING IN POLYBAG

4. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - SUFFIX "LF" IS ADDED JUST FOR EASY

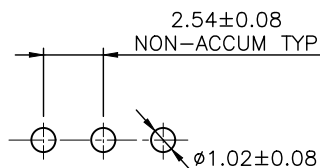
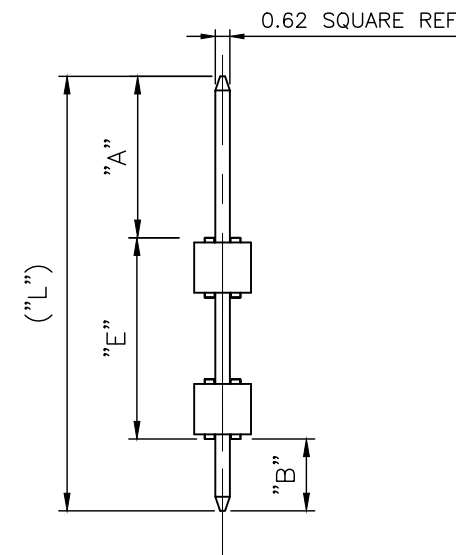
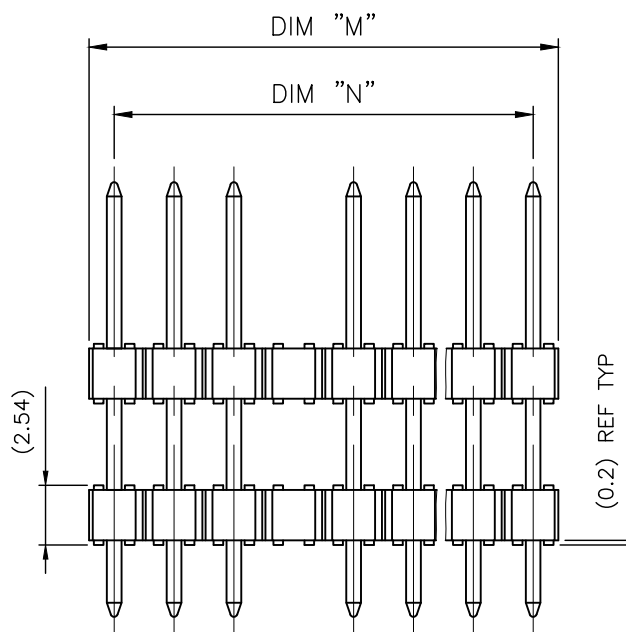
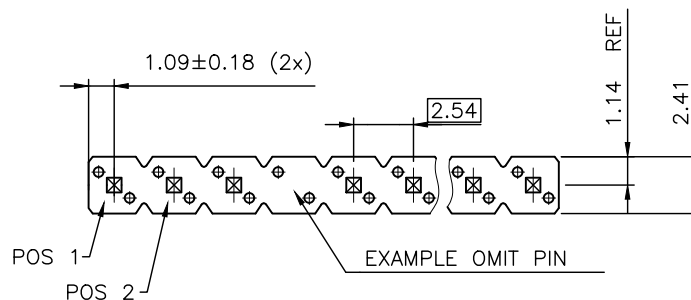
b - MANUFACTURING PROCESS COMPATIBILITY

- 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 - LABELING:

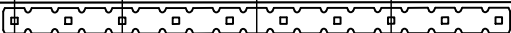
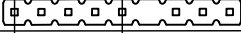
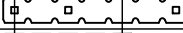
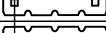
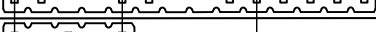
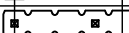
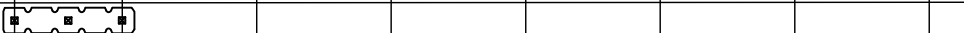
- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004



RECOMMENDED HOLE PATTERN

mat'l. code				surface		tolerance		projection		product family			
				ISO 1302 ✓		ISO 406 ISO 1101				BSTIK			
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title			
W	F-22318	AMA	15.10.27	angles	linear			mm		HEADER SR,STR			
X	F-23461	LMU	16.03.07							DOUBLE BODY POL			
Y	F-24446	AMA	16.07.05							scale 1:1			
AA	F-26438	LMU	17.03.22	dr	O MATHEVON	96.04.01			dwg no		sheet 1 of 2		size
AB	F-28033	DDE	17.09.25	engr	COMPAGNON.J	96.04.01			77709				A3
AC	F-31692	LMU	18.10.22	chr	JCO	96.04.01							
				appd	JMC	96.04.01			type		CUSTOMER		Drawing
sheet	revision		AC	AA									
index	sheet		1	2									

PIN STYLE	NB OF POS	PRODUCT DEFINITION						TOP VIEW OF HEADER SHOWING OMIT PIN POSITIONS							
		"A" ±0.2	"E" ±0.25	"B" ±0.25	("L") REF	("M") REF	("N") REF	1	5	10	15	20	25	30	35
21	1x 19	3.0	20.3	2.75	26.04	48.26	45.72								
22	1x 05	4.95	6.00	4.95	15.90	12.70	10.16								
23	1x 09	4.95	6.00	4.95	15.90	22.86	20.32								
24	1x 09	3.10	11.45	3.10	17.65	22.86	20.32								
25	1x 07	3.10	11.45	3.10	17.65	17.78	15.24								
26	1x 05	8.60	6.00	8.60	23.20	12.70	10.16								
27	1x 09	8.60	6.00	8.60	23.20	22.86	20.32								
28	1x 04	15.20	12.00	3.60	30.80	10.16	7.62								
29	1x 14	15.20	12.00	3.60	30.80	35.56	33.02								
30	1x 05	3.00	13.00	3.00	19.00	12.70	10.16								
31	1x 03	3.05	6.50	3.05	12.60	7.62	5.08								
32	1x 01	3.05	6.50	3.05	12.60	2.54	N/A								
33	1x 03	3.05	5.08	3.05	11.18	7.62	5.08								
34	1x 05	7.36	11.43	2.29	21.08	12.70	10.16								
35	1x 36	8.07	20.00	3.05	31.12	91.44	88.90								
36	1x 05	2.75	15.50	2.75	21.00	12.70	10.16								

mat'l. code				surface ISO 1302	☒	tolerance ISO 406 ISO 1101	projection 	product family BSTIK
ltr	ecn no	dr	date	tolerances unless	otherwise specified		mm	title HEADER SR,STR DOUBLE BODY POL
X	F-26438	LMU	17.03.22	angles	linear		scale 1:1	
Y	F-28033	DDE	17.09.25					
AA	F-31692	LMU	18.10.22					
U	F-22318	AMA	15.10.27	dr	O MATHEVON	96.04.01		dwg no 77709
V	F-23461	LMU	16.03.07	engr	COMPAGNON.J	96.04.01		sheet 2 of 2
W	F-24446	AMA	16.07.05	chr	JCO	96.04.01		size A3
				appd	JMC	96.04.01		type CUSTOMER Drawing
sheet index	revision sheet							

Mouser Electronics

Authorized Distributor

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[77709-332LF](#) [77709-331LF](#) [77709-128LF](#)