

PRODUCT NUMBER

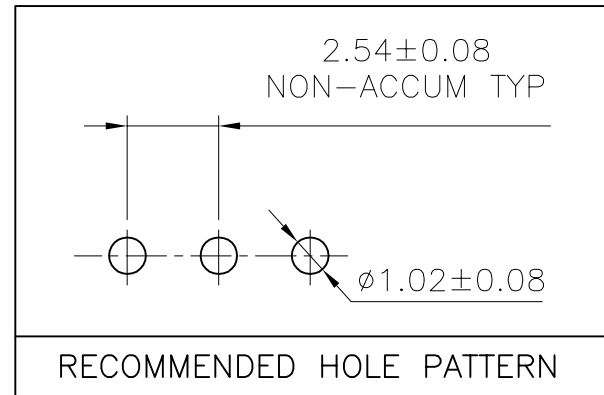
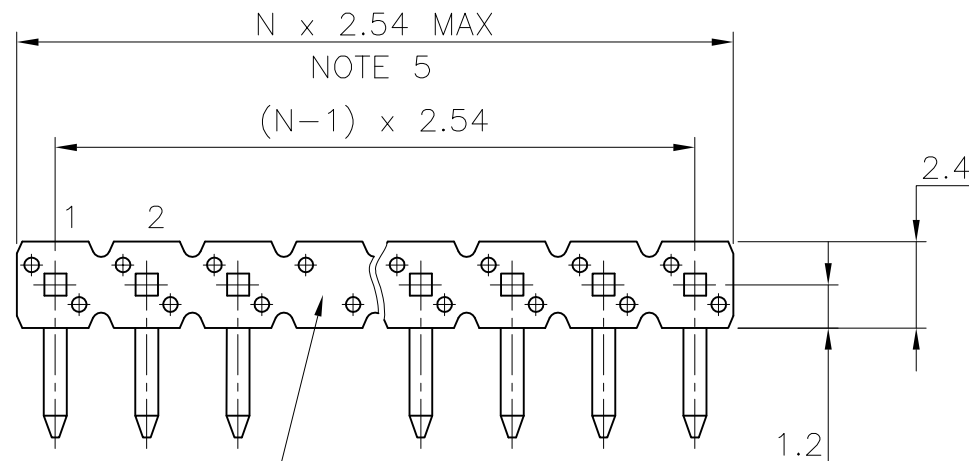
77316-YXXLF

WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 7

PIN STYLE SEE SHEET 2

PLATING SEE SHEET 2

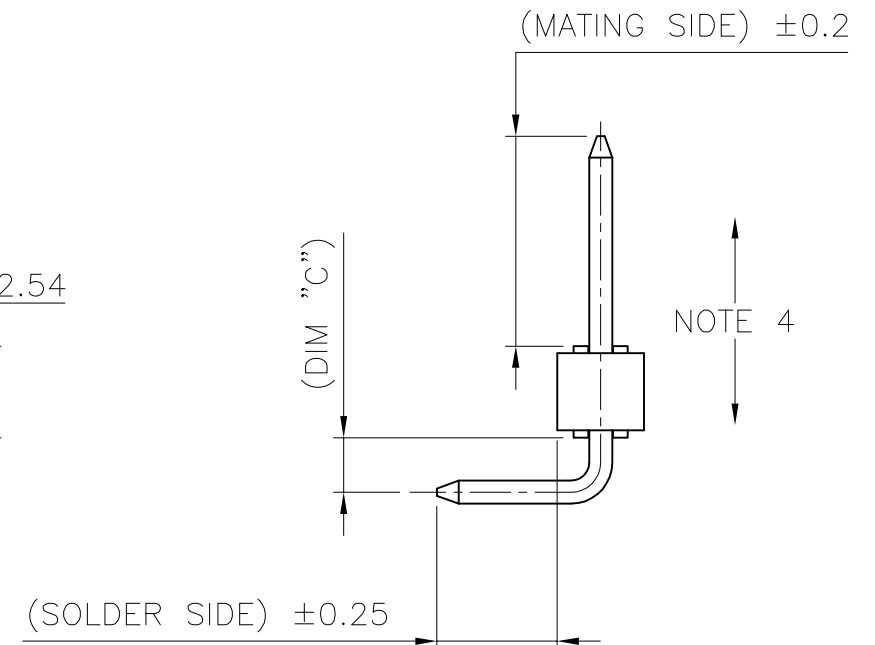
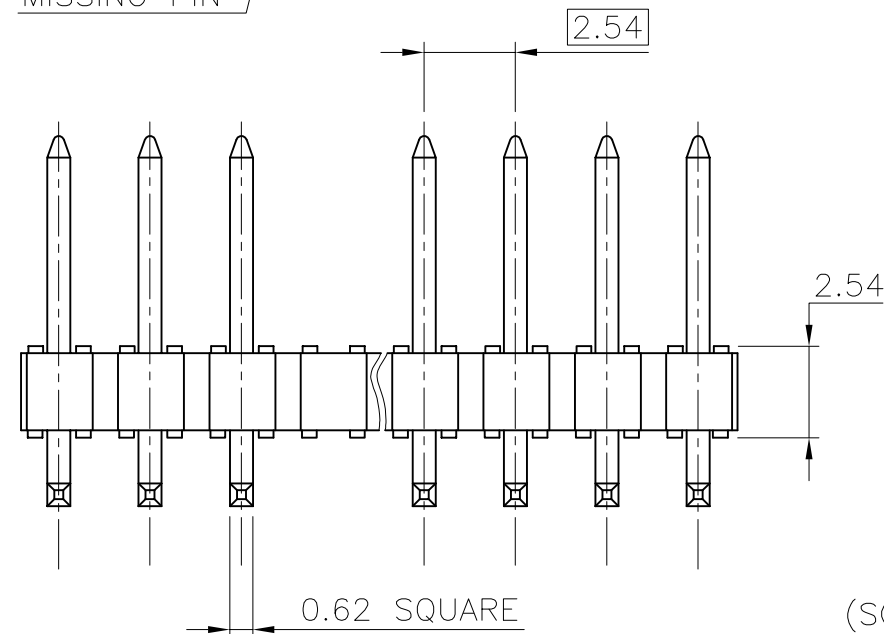
TOP VIEW



NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
3. PRODUCT PACKAGED IN POLY BAGS.
4. 9N MIN RETENTION IN EITHER DIRECTION
5. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm
6. UNDERPLATING : 1.27µm Ni MIN
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.
 - c - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - d - LEGAL STATEMENT: SEE GS-22-008

EXAMPLE OF MISSING PIN



mat'l. code SEE P/N		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		product family BSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title UNSHR.HEADER RA SR TMT POL		
Y	F06-0207	LMU	06.07.27	angles	.X ±0.3	scale 5:1		dwg no 77316		
AA	F08-0148	RTR	08.03.31	linear	.XX ±0.15			sheet 1 of 3		
					.XXX ±0.05			size A3		
U	F04-0106	LMU	04.01.13	dr	O. MATHEVON	96.04.09	FCJ		type CUSTOMER Drawing	
V	F04-0129	LMU	04.02.04	engr	COMPAGNON J	96.04.09				
W	F04-0167	JCO	04.04.05	chr	COMPAGNON J	96.04.09				
X	F04-0362	LMU	04.11.29	appd	JMC	96.04.09				
sheet index	revision	AA	S	U						
	sheet	1	2	3						

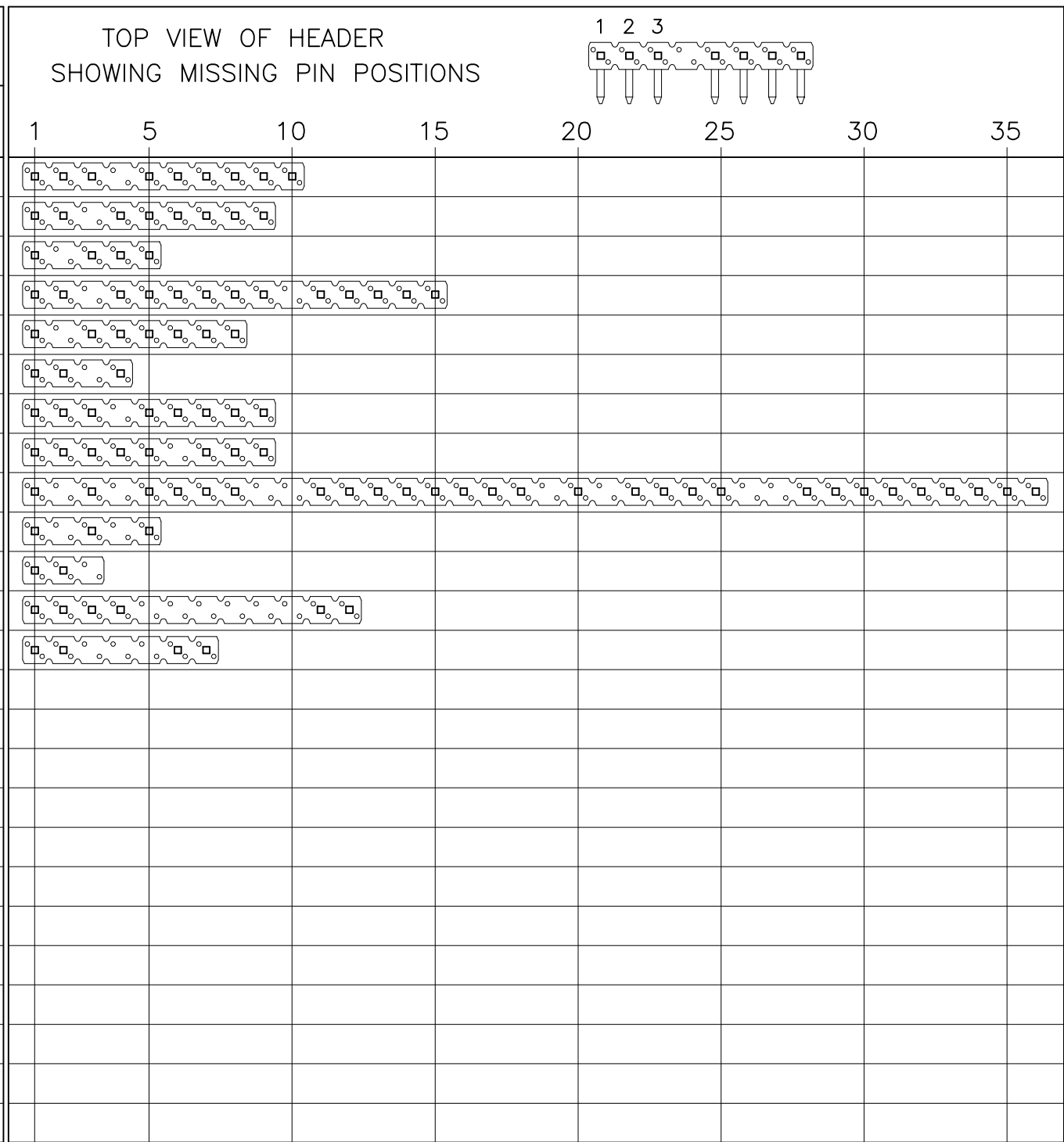
PIN STYLE	NB OF POS	PRODUCT DEFINITION			TOP VIEW OF HEADER SHOWING MISSING PIN POSITIONS									
		"MATING SIDE" ±0.2	"SOLDER SIDE" ±0.35	"C" REF	1	5	10	15	20	25	30	35		
01	1x5	5.72	2.57	1.4										
02	1x6	5.72	2.57	1.4										
03	1x6	5.72	5.11	3.94										
04	1x21	5.72	3.45	1.4										
06	1x5	5.72	2.57	1.4										
07	1x3	5.72	3.45	1.4										
08	1x21	5.72	3.45	1.4										
10	1x13	5.72	3.45	1.4										
17	1x7	5.72	3.45	1.4										
18	1x10	5.72	3.45	1.4										
20	1x12	5.84	2.29	1.4										
21	1x12	5.72	2.57	1.4										
22	1x8	5.72	3.45	1.4										
23	1x6	5.72	3.45	1.4										
26	1x6	5.72	3.45	1.4										
27	1x6	5.72	3.45	1.4										
28	1x9	5.72	3.45	1.4										
29	1x4	5.72	3.45	1.4										
30	1x13	5.72	3.45	1.4										
31	1x7	5.72	3.45	1.4										

77316-9XXLF	0.2µm Au	2.0-7.5 Sn MATTE
77316-8XXLF	0.38µm Au/GXT	2.0-7.5 Sn MATTE
77316-4XXLF	2.0-7.5 Sn MATTE	
77316-2XXLF	1.27µm Au	2.0-7.5 Sn MATTE
77316-1XXLF	0.76µm Au/GXT	2.0-7.5 Sn MATTE

77316-9XX	0.2µm Au	4µm SnPb
77316-8XX	0.38µm Au/GXT	4µm SnPb
77316-4XX	4µm SnPb	
77316-2XX	1.27µm Au	4µm SnPb
77316-1XX	0.76µm Au/GXT	4µm SnPb
PLATING CODE	CONTACT AREA	REMAINDER
	PLATING THICKNESS OVER 1.27µm Ni	

mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406 ISO 1101		BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title			
R	F06-0207	LMU	06.07.27	angles	linear		UNSHR.HEADER			
S	F08-0148	RTR	08.03.31			scale N/A	RA SR TMT POL			
L	F10306	LMU	01.05.18	dr	O. MATHEVON	96.04.09	dwg no		sheet 2 of	size
M	F10740	LMU	02.01.07	engr	COMPAGNON J	96.04.09	77316		A3	
N	F04-0106	LMU	04.01.13	chr	COMPAGNON J	96.04.09	type		CUSTOMER Drawing	
P	F04-0362	LMU	04.11.29	appd	JMC	96.04.09				
sheet index	revision sheet									

PIN STYLE	NB OF POS	PRODUCT DEFINITION		
		"MATING SIDE" ±0.2	"SOLDER SIDE" ±0.35	"C" REF
32	1x10	5.72	3.45	1.4
33	1x9	5.72	3.45	1.4
34	1x5	5.72	3.45	1.4
35	1x15	5.72	2.57	1.4
36	1x8	3.05	5	1.4
37	1x4	6.75	2.85	1.4
38	1x9	5.72	2.54	1.4
39	1x9	5.72	2.54	1.4
40	1x36	5.72	2.57	1.4
41	1x05	5.72	3.45	1.4
42	1x03	5.72	3.45	1.4
43	1x12	3.10	4	1.4
44	1x7	5.00	4	1.4



mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101 <input type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family BSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title UNSHR.HEADER RA SR TMT POL	
R	F10520	LMU	01.09.14	angles		scale N/A		dwg no	
S	F10740	LMU	02.01.07	linear				sheet 3 of	
T	F04-0106	LMU	04.01.13					77316	
U	F06-0207	LMU	06.07.27	dr	O. MATHEVON	96.04.09	FCJ		size A3
				enr	COMPAGNON J	96.04.09			
N	F00464	LMU	20.07.00	chr	COMPAGNON J	96.04.09			
P	F10306	LMU	01.05.18	appd	JMC	96.04.09			
sheet index	revision sheet						type CUSTOMER Drawing		



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