

PRODUCT NUMBER

77316-YXXLF

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

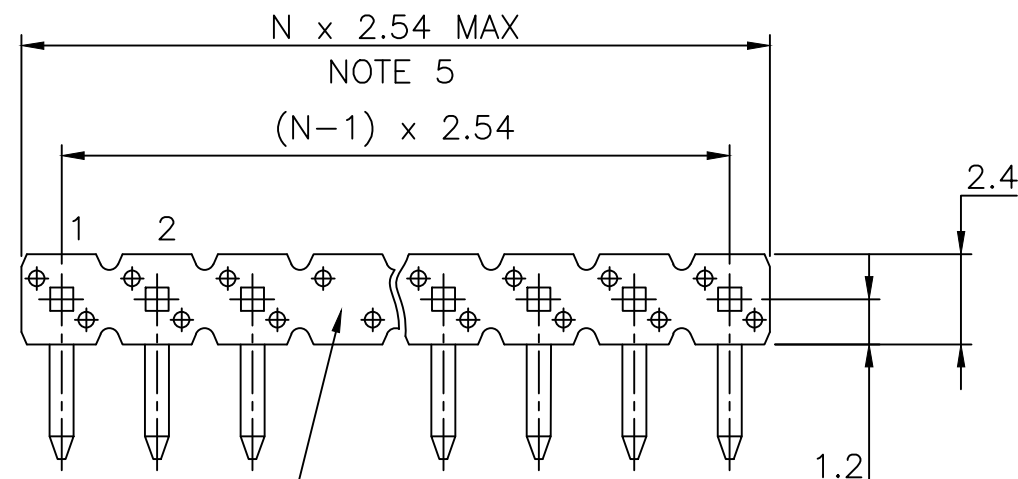
PIN STYLE SEE SHEET 2

PLATING SEE SHEET 2

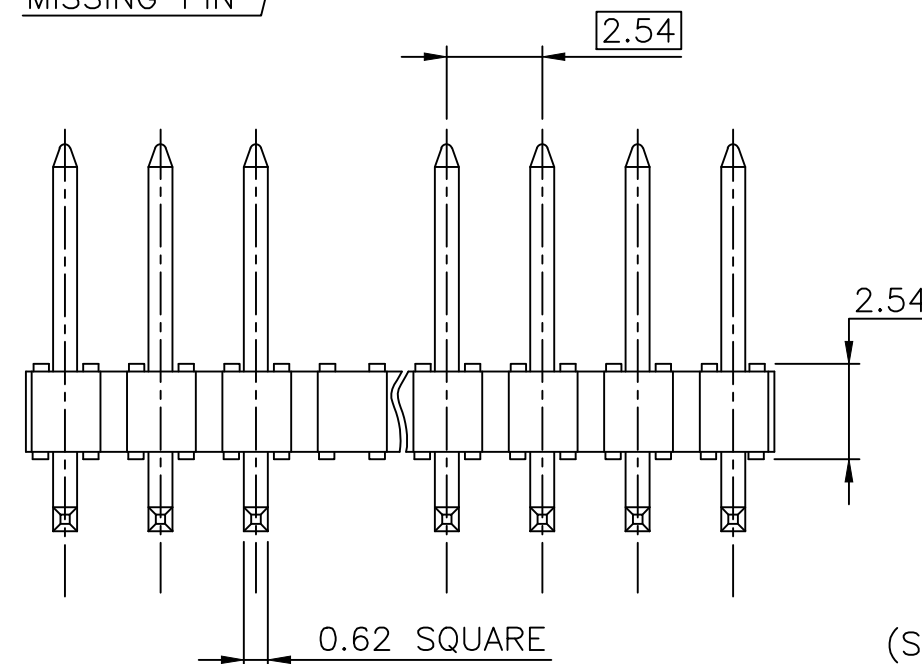
NOTES:

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 $N \times 2.54 = 20.32\text{mm}$
6. UNDERPLATING : $1.27\mu\text{m}$ Ni MIN
7. 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 - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - d - LEGAL STATEMENT: SEE GS-22-008

TOP VIEW



EXAMPLE OF
MISSING PIN



(SOLDER SIDE) ± 0.25

(DIM "C")

(MATING SIDE) ± 0.2

NOTE 4

RECOMMENDED HOLE PATTERN

2.54 ± 0.08
NON-ACCUM TYP

$\phi 1.02 \pm 0.08$

mat'l. code SEE P/N				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecn no	dr	date	tolerances unless	otherwise specified	 mm scale 5:1	BSTIK
AG	F12-0823	JFA	12.11.05	angles	.X ± 0.3		UNSHR.HEADER RA SR TMT POL
AH	B-17992	LMU	14.06.18	linear	.XX ± 0.15 .XXX ± 0.05		
AC	F11-0052	LMU	11.04.22	dr	O. MATHEVON		dwg no
AD	F11-0083	LMU	11.09.13	engr	COMPAGNON		sheet 1 of 3
AE	F11-0329	LMU	11.12.02	chr	COMPAGNON		size
AF	F12-0001	LMU	12.08.23	app	JMC		A3
sheet	revision	AH	T	AC			type
index	sheet	1	2	3			CUSTOMER Drawing

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 / GXT	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 ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family BSTIK					
ltr	ecn no	dr	date	tolerances unless otherwise specified						title UNSHR.HEADER RA SR TMT POL					
R	F06-0207	LMU	06.07.27	angles		linear									
S	F08-0148	RTR	08.03.31												
T	F11-0052	LMU	11.04.22					scale N/A							
				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								
P	F04-0362	LMU	04.11.29	appd	JMC		96.04.09				type		CUSTOMER Drawing		
sheet index		revision sheet													



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D

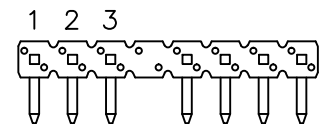


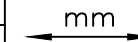
A

B

C

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		
32	1x 10	5.72	3.45	1.4										
33	1x 9	5.72	3.45	1.4										
34	1x 5	5.72	3.45	1.4										
35	1x 15	5.72	2.57	1.4										
36	1x 8	3.05	5	1.4										
37	1x 4	6.75	2.85	1.4										
38	1x 9	5.72	2.54	1.4										
39	1x 9	5.72	2.54	1.4										
40	1x 36	5.72	2.57	1.4										
41	1x 05	5.72	3.45	1.4										
42	1x 03	5.72	3.45	1.4										
43	1x 12	3.10	4	1.4										
44	1x 7	5.00	4	1.4										
45	1x 05	14.20	3.20	1.4										
46	1x 11	6.75	2.85	1.4										
47	1x 18	5.72	2.57	1.4										
48	1x 03	11.70	2.80	1.5										
49	1x 05	10.00	3.45	1.5										
50	1x 07	5.72	3.45	1.4										
51	1x 13	5.84	3.05	1.4										
52	1x 09	10.00	3.45	1.5										
53	1x 16	2.54	4.70	1.5										
54	1x 05	3.05	2.52	7.61										
55	1X16	5.84	7.37	1.52										
56	1x10	5.84	7.37	1.52										
57	1x17	2.54	4.70	1.5										



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Y	F11-0329	LMU	11.12.02	angles	linear							dwg no 77316										sheet 3 of A3		
AA	F12-0001	LMU	12.08.23																					
AB	F12-0823	JFA	12.11.05							scale N/A			type CUSTOMER Drawing											
AC	B-17992	LMU	14.06.18	dr	O. MATHEVON			96.04.09																
				engr	COMPAGNON J			96.04.09																
W	F11-0052	LMU	11.04.22	chr	COMPAGNON J			96.04.09																
X	F11-0083	LMU	11.09.13	appd	JMC			96.04.09																
sheet index	revision sheet																							

Mouser Electronics

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