

PRODUCT NUMBER

77316-YXXLF

RoHS COMPATIBLE
SEE NOTE 7

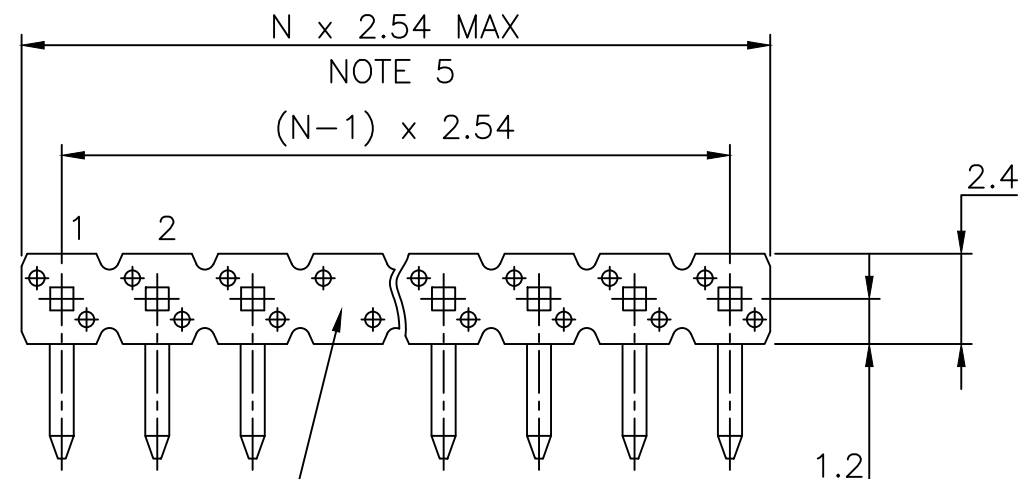
PIN STYLE SEE SHEET 2

PLATING SEE SHEET 2

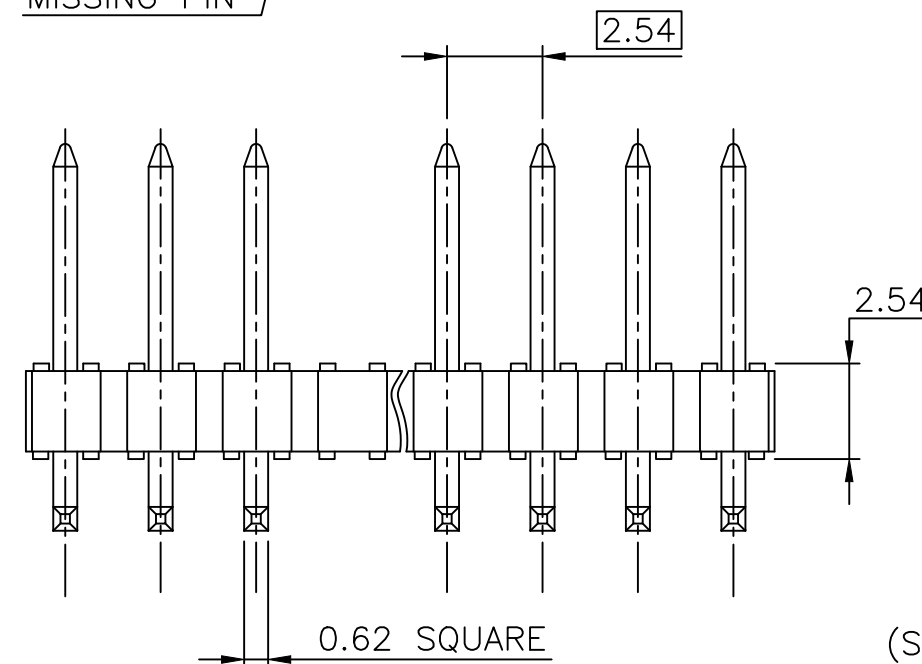
NOTES:

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-47-0004

TOP VIEW



EXAMPLE OF
MISSING PIN



(SOLDER SIDE) ± 0.25

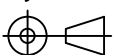
2.54 ± 0.08
NON-ACCUM TYP

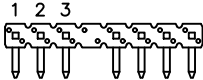
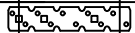
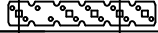
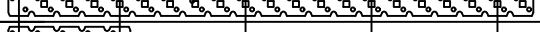
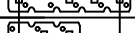
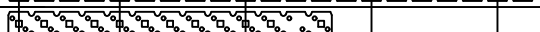
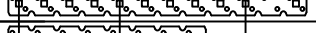
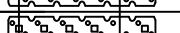
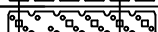
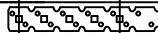
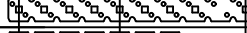
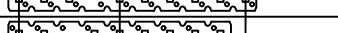
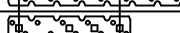
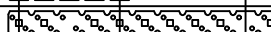
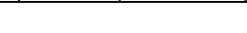
$\phi 1.02 \pm 0.08$

RECOMMENDED HOLE PATTERN

(MATING SIDE) ± 0.2

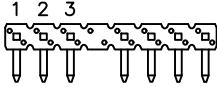
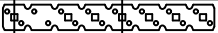
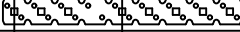
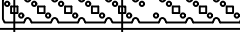
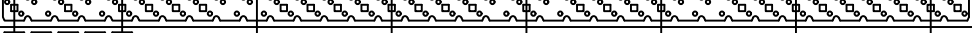
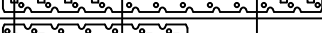
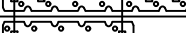
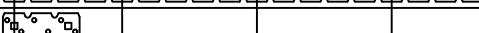
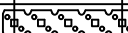
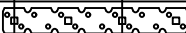
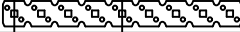
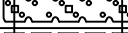
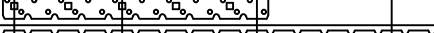
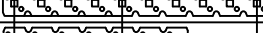
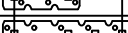
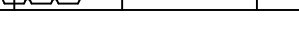
NOTE 4

mat'l. code SEE P/N				surface  ISO 1302				tolerance ISO 406 ISO 1101				projection 		product family BSTIK																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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AR	F-28530	LMU	17.10.24																							.XX ±0.15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

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	1x 5	5.72	2.57	1.4										
02	1x 6	5.72	2.57	1.4										
03	1x 6	5.72	5.11	3.94										
04	1x 21	5.72	3.45	1.4										
06	1x 5	5.72	2.57	1.4										
07	1x 3	5.72	3.45	1.4										
08	1x 21	5.72	3.45	1.4										
10	1x 13	5.72	3.45	1.4										
17	1x 7	5.72	3.45	1.4										
18	1x 10	5.72	3.45	1.4										
20	1x 12	5.84	2.29	1.4										
21	1x 12	5.72	2.57	1.4										
22	1x 8	5.72	3.45	1.4										
23	1x 6	5.72	3.45	1.4										
26	1x 6	5.72	3.45	1.4										
27	1x 6	5.72	3.45	1.4										
28	1x 9	5.72	3.45	1.4										
29	1x 4	5.72	3.45	1.4										
30	1x 13	5.72	3.45	1.4										
31	1x 7	5.72	3.45	1.4										
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										

77316-9XXLF	0.2µm Au / GXT	2.0-7.5 Sn MATTE
77316-8XXLF	0.38µm Au/GXT	2.0-7.5 Sn MATTE
77316-5XXLF	0.25µm 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
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			title		
R	F06-0207	LMU	06.07.27	angles			UNSHR.HEADER		
S	F08-0148	RTR	08.03.31	linear			RA SR TMT POL		
T	F11-0052	LMU	11.04.22				scale N/A		
U	B-18916	LMU	14.09.29	dr	O. MATHEVON	96.04.09		dwg no	sheet 2 of
V	F-24542	AMA	16.07.20	engr	COMPAGNON J	96.04.09		77316	size
P	F04-0362	LMU	04.11.29	chr	COMPAGNON J	96.04.09		type	CUSTOMER Drawing
sheet	revision								
index	sheet								

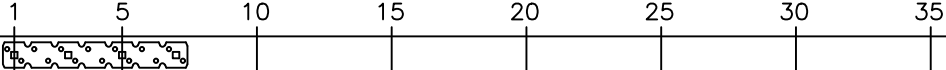
PIN STYLE	NB OF POS	PRODUCT DEFINITION			TOP VIEW OF HEADER SHOWING MISSING PIN POSITIONS									
		"MATING SIDE" ±0.2	"SOLDER SIDE" ±0.35	"C" REF										
36	1x08	3.05	5.00	1.4										
37	1x04	6.75	2.85	1.4										
38	1x09	5.72	2.54	1.4										
39	1x09	5.72	2.54	1.4										
40	1x36	5.72	2.57	1.4										
41	1x05	5.72	3.45	1.4										
42	1x03	5.72	3.45	1.4										
43	1x12	3.10	4.00	1.4										
44	1x07	5.00	4.00	1.4										
45	1x05	14.20	3.20	1.4										
46	1x11	6.75	2.85	1.4										
47	1x18	5.72	2.57	1.4										
48	1x03	11.70	2.80	1.5										
49	1x05	10.00	3.45	1.5										
50	1x07	5.72	3.45	1.4										
51	1x13	5.84	3.05	1.4										
52	1x09	10.00	3.45	1.5										
53	1x16	2.54	4.70	1.5										
54	1x05	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										
58	1x07	8.08	3.05	1.5										
59	1x05	17.00	3.00	1.52										
60	1x03	3.50	3.05	1.52										
61	1x11	3.50	3.05	1.52										
62	1x03	14.50	5.00	1.52										

SEE NOTE 1

NOTES :

1. FOR PIN STYLE 62 ONLY, PIN MATERIAL USED IS CuFe2P

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				
AG	F-25362	DDE	16.11.16		angles	linear									
AH	B-26203	JCA	17.02.28												
									scale N/A						
AC	B-17992	LMU	14.06.18		dr	O. MATHEVON		96.04.09		dwg no		sheet 3 of		size	
AD	B-19156	LMU	14.10.22		engr	COMPAGNON J		96.04.09		77316				A3	
AE	F-24542	AMA	16.07.20		chr	COMPAGNON J		96.04.09							
AF	F-25333	DDE	16.11.15		appd	JMC		96.04.09		type		CUSTOMER Drawing			
sheet index		revision sheet													

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								
63	1x07	5.72	5.11	3.9								

mat'l. code					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101			product family BSTIK												
ltr	ecn no		dr	date	tolerances unless otherwise specified					title												
A	F-28530		LMU	17.10.24	angles		linear					UNSHR.HEADER										
										scale N/A		RA SR TMT POL										
										dwg no				sheet 4 of				size				
					dr	L.MULIN		17.10.24		77316				A3								
					engr	L.MULIN		17.10.24														
					chr																	
					app	A.SOUDY		17.10.24	type CUSTOMER Drawing													
sheet index		revision sheet																				