

PRODUCT NUMBER

77316-YXXLF

RoHS COMPATIBLE
SEE NOTE 7

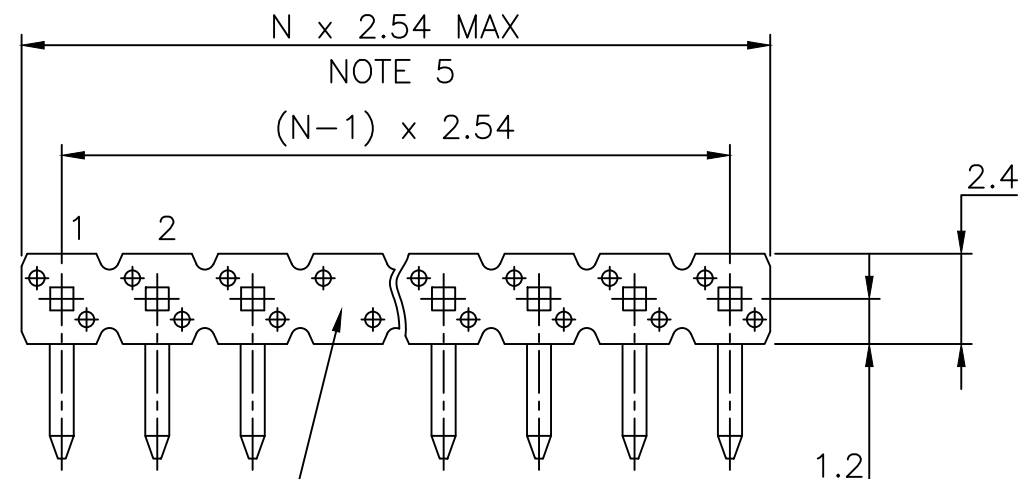
PIN STYLE SEE SHEET 2

PLATING SEE SHEET 2

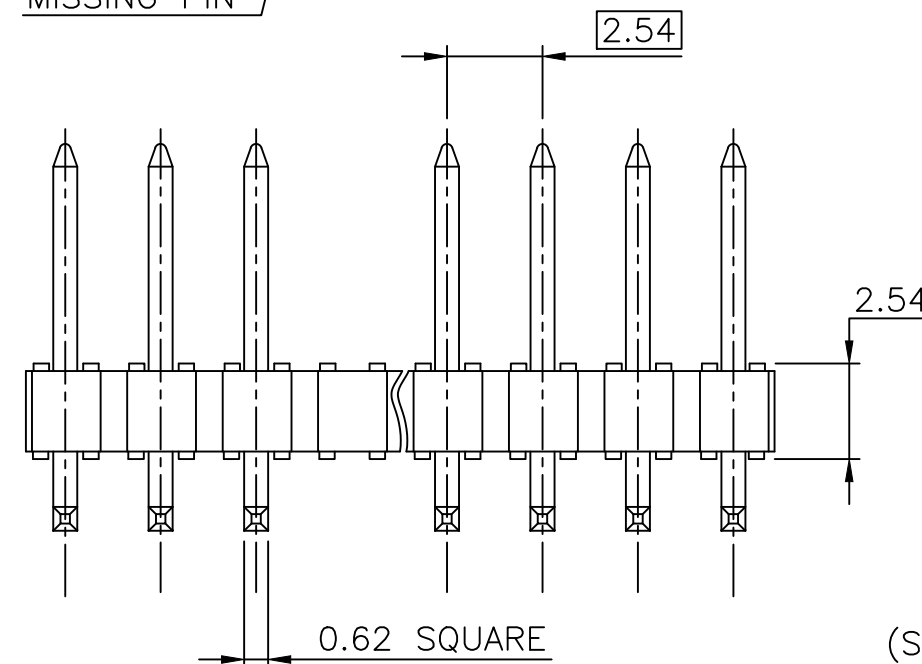
NOTES:

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

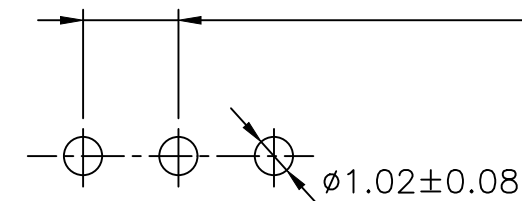


EXAMPLE OF
MISSING PIN



(SOLDER SIDE) ± 0.25

2.54 ± 0.08
NON-ACCUM TYP



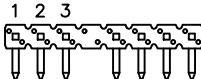
RECOMMENDED HOLE PATTERN

(MATING SIDE) ± 0.2

(DIM "C")

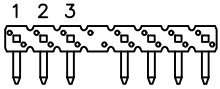
NOTE 4

mat'l. code SEE P/N				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		 mm scale 5:1	title UNSHR.HEADER RA SR TMT POL			
AP	B-26203	JCA	17.02.28	angles	.X ± 0.3					
AR	F-28530	LMU	17.10.24		.XX ± 0.15 .XXX ± 0.05					
AK	B-19156	LMU	14.10.22	dr	O. MATHEVON	96.04.09			dwg no 77316	sheet 1 of 4 size A3
AL	F-24542	AMA	16.07.20	engr	COMPAGNON	J 96.04.09				
AM	F-25333	DDE	16.11.15	chr	COMPAGNON	J 96.04.09				
AN	F-25362	DDE	16.11.16	app	JMC	96.04.09				
sheet index	revision sheet	AR	V	AH	A					
		1	2	3	4					

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		
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	

[illegible]

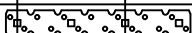
PIN STYLE	NB OF POS	PRODUCT DEFINITION			TOP VIEW OF HEADER SHOWING MISSING PIN POSITIONS									
		"MATING SIDE" ±0.2	"SOLDER SIDE" ±0.35	"C" REF										
36	1x08	3.05	5.00	1.4										
37	1x04	6.75	2.85	1.4										
38	1x09	5.72	2.54	1.4										
39	1x09	5.72	2.54	1.4										
40	1x36	5.72	2.57	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			projection 		product family BSTIK				
ltr	ecn	no	dr	date	tolerances unless otherwise specified								title				
A	F-28530	LMU		17.10.24	angles		linear				mm 		UNSHR.HEADER				
											scale N/A		RA SR TMT POL				
					dr	L.MULIN		17.10.24				dwg no		sheet 4 of		size	
					engr	L.MULIN		17.10.24				77316				A3	
					chr												
					appd	A.SOUDY		17.10.24									
sheet index		revision sheet										type CUSTOMER Drawing					