

PRODUCT NUMBER

77316-YXXLF

RoHS COMPATIBLE
SEE NOTE 7

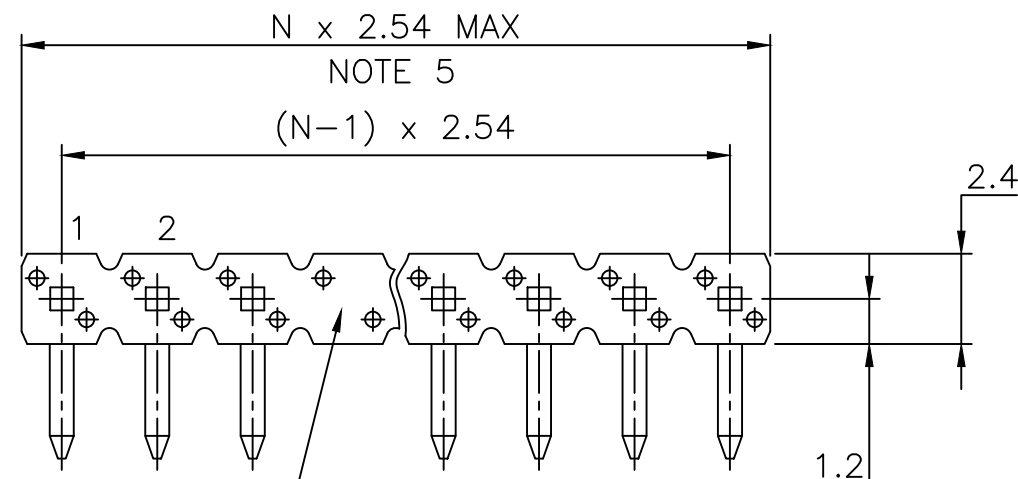
PIN STYLE SEE SHEET 2

PLATING SEE SHEET 2

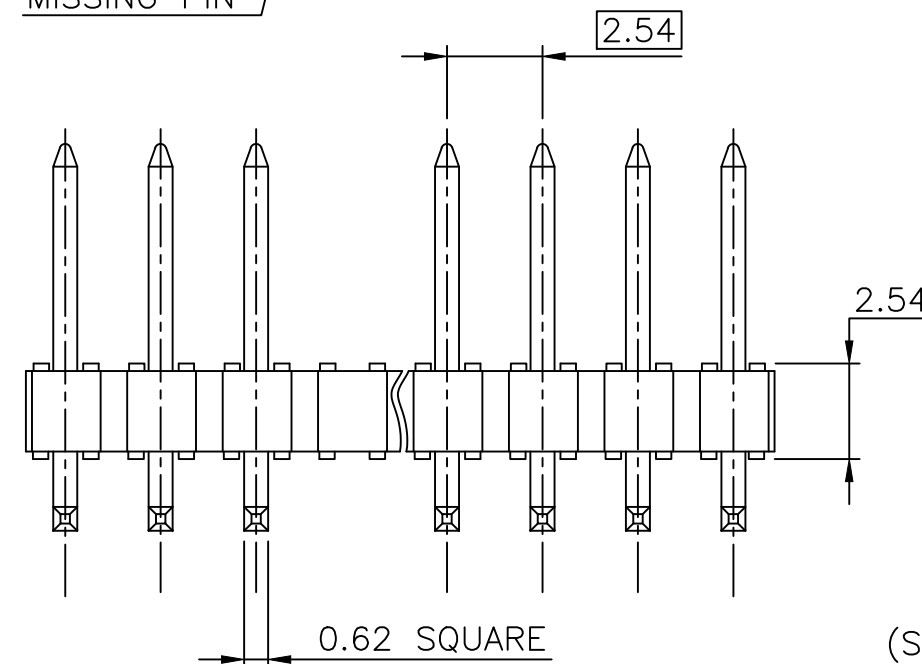
NOTES:

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

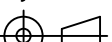
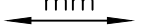
2.54 ± 0.08
NON-ACCUM TYP

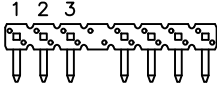
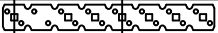
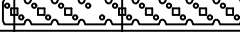
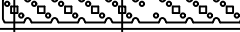
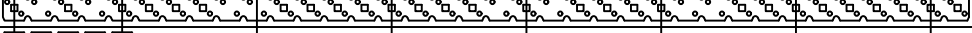
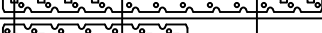
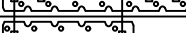
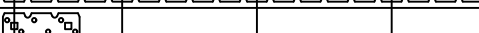
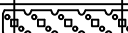
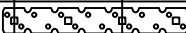
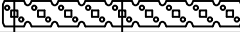
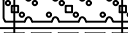
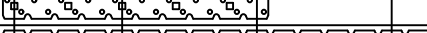
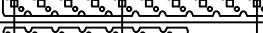
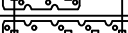
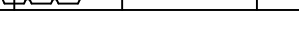
$\phi 1.02 \pm 0.08$

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
ltr	ecn no	dr	date	tolerances unless otherwise specified										title UNSHR.HEADER RA SR TMT POL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
AP	B-26203	JCA	17.02.28	angles		linear																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
AR	F-28530	LMU	17.10.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

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										

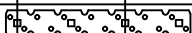
SEE NOTE 1

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[77316-140LF](#) [77316-444LF](#) [77316-148LF](#) [77316-151LF](#) [77316-852LF](#) [77316-849LF](#) [77316-448LF](#) [77316-950LF](#)
[77316-847LF](#) [77316-457LF](#) [77316-163LF](#) [77316-162LF](#) [77316849L](#)