

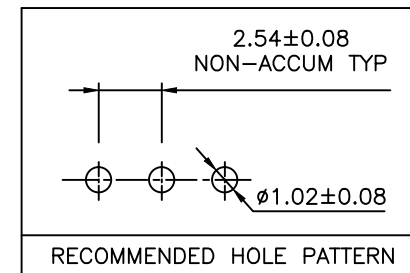
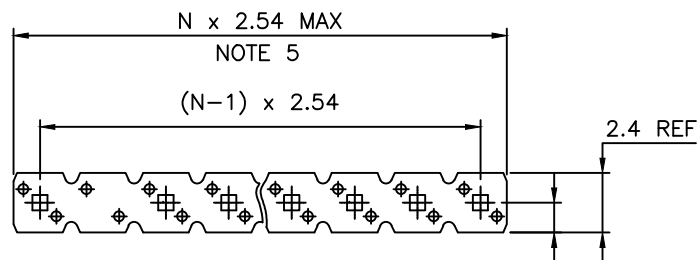
PRODUCT NUMBER

77312-YXXLF

RoHS COMPATIBLE
SEE NOTE 7

PIN STYLE

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.

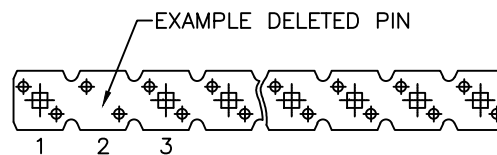
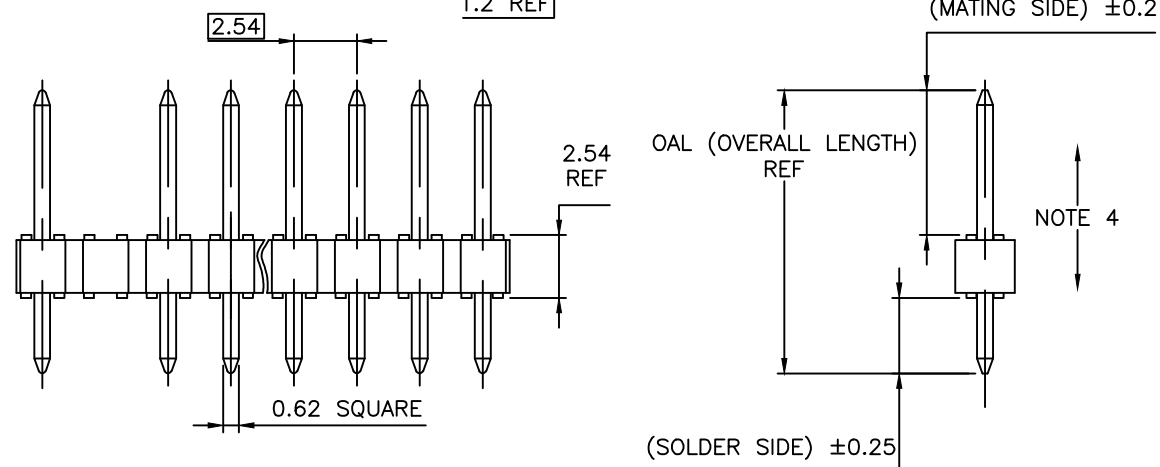
b - MANUFACTURING PROCESS COMPATIBILITY

- 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

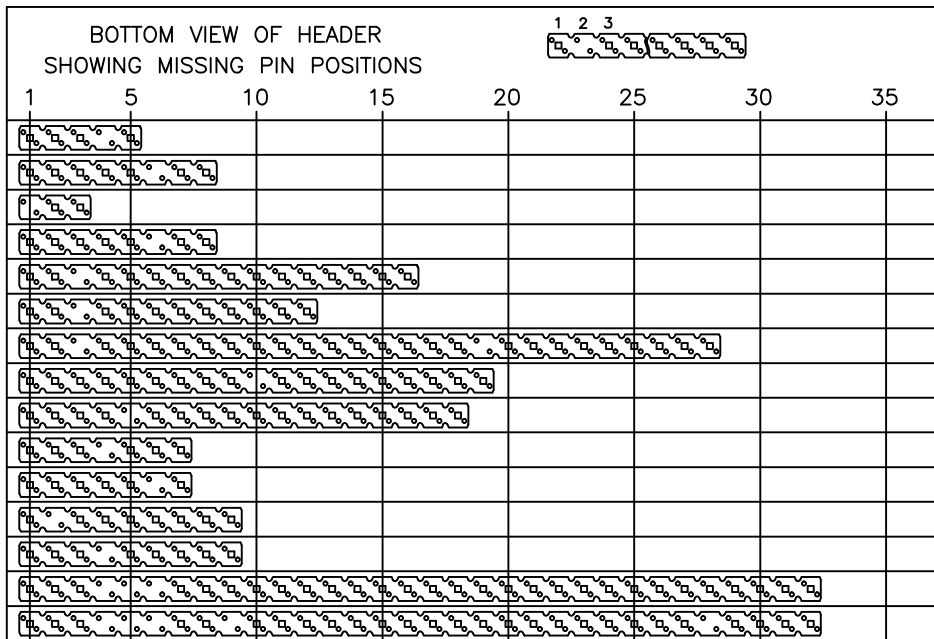


BOTTOM VIEW

mat'l. code SEE NOTES				surface ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family BSTIK
ltr	ecr no	dr	date	tolerances unless otherwise specified			title
AR	F-24825	AMA	16.08.26	angles	linear	mm	HEADER SR,STR,
AS	F-25332	DDE	16.11.15			scale 5:1	POL,DUPLEX,2.54mm
AT	F-25396	LMU	16.11.21	dr	COMPAGNON J	95.10.27	dwg no
AM	B-20230	LMU	15.02.09	enr	JMC	95.10.27	sheet 1 of 5
AN	B-21118	LMU	15.06.10	chr			size
AP	F-24327	AMA	16.06.17	appd	JMC	95.10.27	77312
sheet	revision	AT	T	N	Y	G	A3
index	sheet	1	2	3	4	5	type
							CUSTOMER
							Drawing



PIN STYLE	PRODUCT DEFINITION			
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF
01	1x5	5.84	3.42	11.8
02	1x8	5.84	3.42	11.8
03	1x3	5.84	3.42	11.8
04	1x8	5.72	2.54	10.8
05	1x16	5.72	2.54	10.8
06	1x12	5.72	2.54	10.8
07	1x28	5.84	3.42	11.8
15	1x19	5.84	3.42	11.8
16	1x18	5.84	3.42	11.8
17	1x7	5.84	3.42	11.8
18	1x7	5.84	3.42	11.8
19	1x9	5.84	3.42	11.8
20	1x9	5.84	3.42	11.8
21	1x32	5.84	3.42	11.8
22	1x32	5.84	3.42	11.8



77312-GXXLF	0.76μm FULL GXT	
77312-SXXLF	0.38μm FULL GXT	
77312-8XXLF	0.38μm Au/GXT	2.0-7.5μm Sn MATTE
77312-5XXLF	0.25μm Au/GXT	2.0-7.5μm Sn MATTE
77312-4XXLF	2.0-7.5μm FULL MATTE TIN	
77312-2XXLF	1.27μm Au	2.0-7.5μm Sn MATTE
77312-1XXLF	0.76μm Au/GXT	2.0-7.5μm Sn MATTE
77312-1XXSLF	0.76μm Au/GXT	GOLD FLASH
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		 mm scale 1:1	title HEADER,SR,STR, POL,DUPLEX,2.54mm
S	B-18917	LMU	14.09.26	angles	linear		
T	B-21118	LMU	15.06.10				
M	F10707	LMU	01.11.28	dr	COMPAGNON J	95.01.11	dwg no
N	F06-0196	LMU	06.06.20	enrg	JMC	95.10.27	sheet 2 of -
P	F08-0148	RTR	08.03.31	chr			size
R	B-17773	LMU	14.05.26	appd	JMC	95.10.27	77312 A3
sheet	revision						type
index	sheet						CUSTOMER Drawing

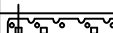
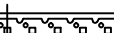
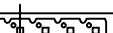
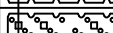
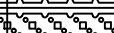
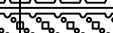
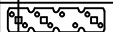
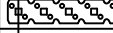
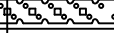
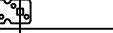
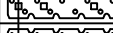
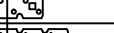
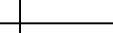
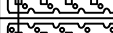
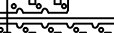
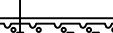
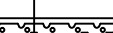
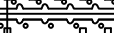
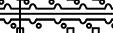
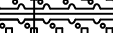
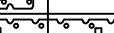
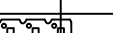
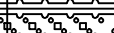
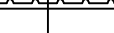
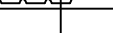
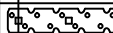
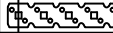
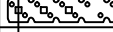
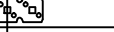
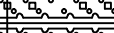
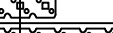
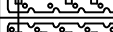
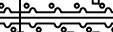
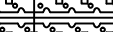
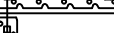
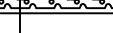
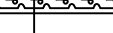
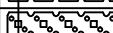
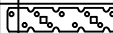
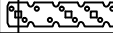
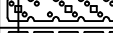
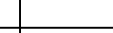
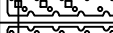
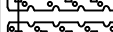
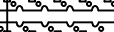
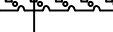
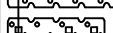
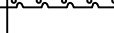
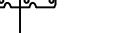
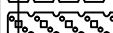
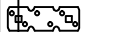


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form: A3

PIN STYLE	PRODUCT DEFINITION			
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF
23	1x 13	5.84	3.42	11.8
24	1x 14	5.84	3.42	11.8
25	1x 4	5.84	3.42	11.8
26	1x 10	5.84	3.42	11.8
27	1x 10	5.84	3.42	11.8
28	1x 6	5.72	2.54	10.8
29	1x 7	5.84	3.42	11.8
30	1x 19	5.84	3.42	11.8
31	1x 25	5.84	3.42	11.8
32	1x 15	5.84	3.42	11.8
33	1x 8	5.84	3.42	11.8
34	1x 10	5.84	3.42	11.8
35	1x 6	5.84	3.42	11.8
36	1x 11	5.84	3.42	11.8
37	1x 29	5.84	3.42	11.8
38	1x 25	5.84	3.42	11.8
39	1x 5	5.72	2.54	10.8
40	1x 11	5.72	3.05	11.3
41	1x 11	5.72	3.05	11.3
42	1x 8	7.75	3.06	13.35
43	1x 7	5.84	3.42	11.8
44	1x 7	5.72	2.54	10.8
45	1x 20	5.72	7.64	15.9
46	1x 11	5.72	3.05	11.3
48	1x 4	5.72	3.05	11.3
49	1x 16	5.72	7.64	15.9
50	1x 3	5.72	3.05	11.3

BOTTOM VIEW OF HEADER SHOWING MISSING PIN POSITIONS							
							
1	5	10	15	20	25	30	
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							

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	
J	F40810	JMC	94.10.20	angles	linear		HEADER,SR,STR,	
K	F50801	JMC	95.10.27				POL,DUPLEX,2.54mm	
L	F10707	LMU	01.11.28			scale 1:1	dwg no	sheet 3 of - size
M	F06-0196	LMU	06.06.20	dr	COMPAGNON J		77312	A3
N	F11-0034	LMU	11.03.03	enr	JMC		type	CUSTOMER Drawing
				chr				
				appd	JMC	95.10.27		
sheet index	revision sheet							

1					2 3					4					5					6														
PIN STYLE	PRODUCT DEFINITION				BOTTOM VIEW OF HEADER SHOWING MISSING PIN POSITIONS										1 2 3																			
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF	1	5	10	15	20	25	30	35																						
51	1x5	5.72	3.05	11.3																														
52	1x13	5.72	3.05	11.3																														
53	1x35	5.72	3.05	11.3																														
54	1x11	5.72	3.05	11.3																														
55	1x23	12.83	3.03	18.4																														
56	1x23	17.5	3.46	23.5																														
57	1x5	5.84	3.42	11.8																														
58	1x7	5.72	3.05	11.3																														
59	1x5	5.72	3.05	11.3																														
60	1x6	5.72	3.05	11.3																														
61	1x8	5.72	3.05	11.3																														
62	1x4	5.72	3.05	11.3																														
63	1x4	15.57	2.84	20.95																														
65	1x4	5.72	2.54	10.8																														
66	1x8	5.72	2.54	10.8																														
67	1x4	5.72	3.05	11.3																														
68	1x4	5.72	3.05	11.3																														
69	1x6	5.72	3.05	11.3																														
70	1x3	5.72	2.54	10.8																														
71	1x5	5.84	2.42	10.8																														
72	1x13	5.72	2.54	10.8																														
73	1x8	5.84	2.41	10.8																														
74	1x16	5.84	2.41	10.8																														
75	1x08	5.84	2.41	10.8																														
76	1x05	2.50	1.80	6.84																														
77	1x05	2.50	1.80	6.84																														
78	1x03	8.13	2.33	13.00																														
79	1x35	5.84	3.42	11.80																														
80	1x07	2.50	1.80	6.84																														
81	1x03	24.90	3.00	30.40																														
82	1x05	20.65	11.00	34.15																														
83	1x12	5.84	3.42	11.80																														
84	1x05	8.00	2.90	13.40																														
85	1x07	8.00	2.90	13.40																														
					mat'l. code					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		product family BSTIK																		
					ttr					ecn no		dr		date		tolerances unless otherwise specified		title HEADER,SR,STR, POL,DUPLEX,2.54mm																
					S					F10355		LMU		01.06.25		angtes		sheet 4 of																
					T					F10707		LMU		01.11.28		linear		size																
					U					F06-0196		LMU		06.06.20				A3																
					V					F11-0034		LMU		11.03.03		dr		COMPAGNON J 95.10.11																
					W					F11-0045		LMU		11.04.06		engr		JMC 95.10.27																
					X					F11-0329		LMU		11.11.17		chr																		
					Y					B-16703		LMU		14.01.09		appd		JMC 95.10.27																
					sheet		revision																											
					index		sheet																											

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form: A3

PIN STYLE	PRODUCT DEFINITION				BOTTOM VIEW OF HEADER SHOWING MISSING PIN POSITIONS									
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35									
86	1x 15	12.56	0.8	15.90	1	5	10	15	20	25	30	35		
87	1x 17	12.56	0.8	15.90	1	5	10	15	20	25	30	35		
88	1x 13	5.72	3.05	11.30	1	5	10	15	20	25	30	35		
89	1x 13	5.84	3.42	11.80	1	5	10	15	20	25	30	35		
90	1x 08	7.50	3.42	13.46	1	5	10	15	20	25	30	35		
91	1x 07	12.83	3.03	18.40	1	5	10	15	20	25	30	35		
92	1x 03	3.55	3.05	9.14	1	5	10	15	20	25	30	35		
93	1x 05	3.55	3.05	9.14	1	5	10	15	20	25	30	35		
94	1x 17	11.60	5.05	19.15	1	5	10	15	20	25	30	35		

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 HEADER,SR,STR, POL,DUPLEX,2.54mm			
A	B-17773	LMU	14.05.26	angles	linear									
B	B-20094	BVE	15.01.27											
C	B-20230	LMU	15.02.09					scale N/A						
D	F-24327	AMA	16.06.17	dr	L.MULIN		14.05.26		dwg no		sheet 5 of		size A3	
E	F-24825	AMA	16.08.26	enr	JMC		14.05.26		77312					
F	F-25332	DDE	16.11.15	chr										
G	F-25396	LMU	16.11.21	app	14.05.26		95.10.27		type		CUSTOMER			Drawing
sheet index		revision sheet												