

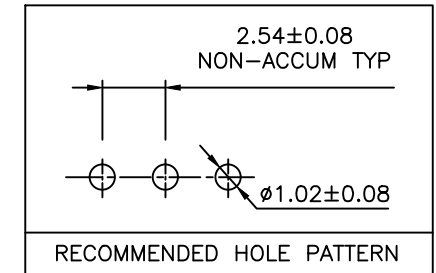
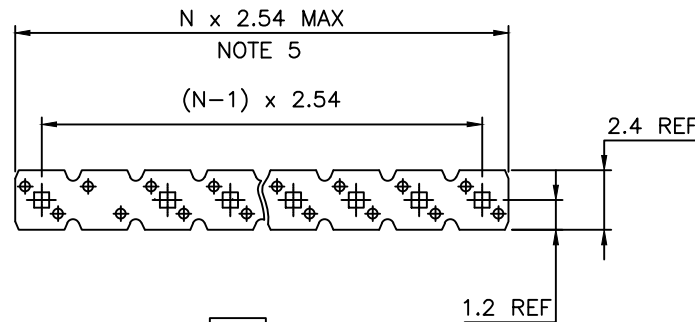
PRODUCT NUMBER

77312-YXXLF

WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS 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 x 2.54 = 20.32mm
6. UNDERPLATING : 1.27µm Ni MIN
7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE,
2µm MINIMUM MATTE TIN OVER 1.27µm
MINIMUM NICKEL UNDERPLATE.

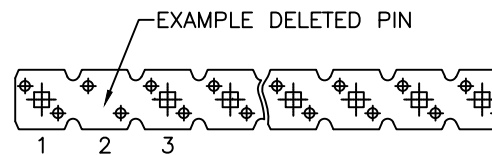
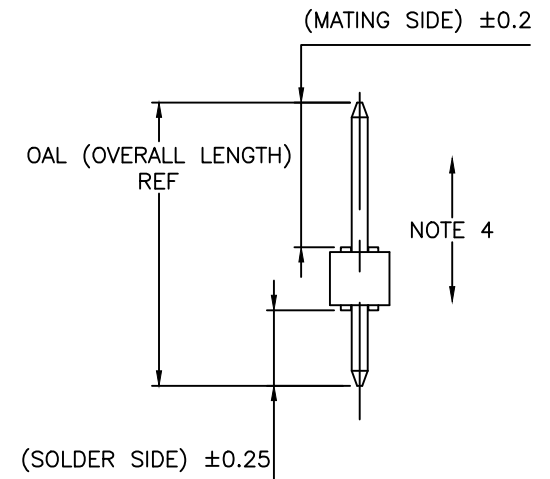
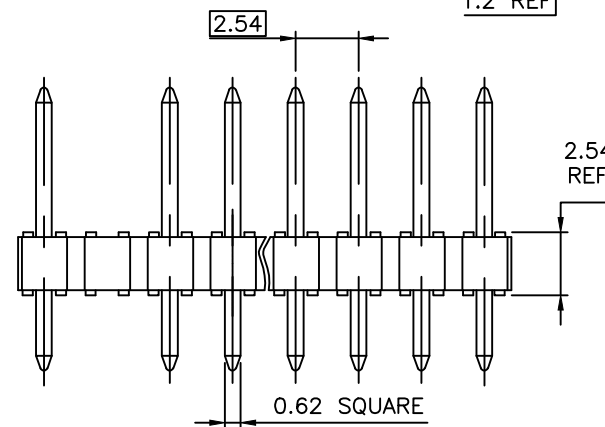
b - MANUFACTURING PROCESS COMPATIBILITY

- THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C ±5°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
lfr	ecn no	dr	date	tolerances unless otherwise specified		mm	title
AH	B-16703	LMU	14.01.09	angles	linear		HEADER SR,STR, POL,DUPLEX,2.54mm
AJ	B-17773	LMU	14.05.26			scale 5:1	dwg no
AD	F08-0148	RTR	08.03.31	dr	COMPAGNON J	95.10.27	sheet 1 of 5
AE	F11-0034	LMU	11.03.03	enfr	JMC	95.10.27	size
AF	F11-0045	LMU	11.04.06	chr			77312
AG	F11-0328	LMU	11.11.17	appd	JMC	95.10.27	A3
sheet	revision	AJ	R	N	Y	A	type
index	sheet	1	2	3	4	5	CUSTOMER Drawing



PIN STYLE	PRODUCT DEFINITION			
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF
01	1x 5	5.84	3.42	11.8
02	1x 8	5.84	3.42	11.8
03	1x 3	5.84	3.42	11.8
04	1x 8	5.72	2.54	10.8
05	1x 16	5.72	2.54	10.8
06	1x 12	5.72	2.54	10.8
07	1x 28	5.84	3.42	11.8
15	1x 19	5.84	3.42	11.8
16	1x 18	5.84	3.42	11.8
17	1x 7	5.84	3.42	11.8
18	1x 7	5.84	3.42	11.8
19	1x 9	5.84	3.42	11.8
20	1x 9	5.84	3.42	11.8
21	1x 32	5.84	3.42	11.8
22	1x 32	5.84	3.42	11.8

77312-GXXLF	0.76μm FULL GXT	
77312-8XXLF	0.38μm 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

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			
J	F40810	JMC	94.10.20	angles	linear								
K	F50801	JMC	95.10.27										
L	F60884	OMA	96.12.05					scale 1:1					
M	F10707	LMU	01.11.28	dr	COMPAGNON	J	95.01.11			dwg no		sheet 2 of –	size
N	F06-0196	LMU	06.06.20	engr	JMC		95.10.27			77312		A.	
P	F08-0148	RTR	08.03.31	chr									
R	B-17773	LMU	14.05.26	appd	JMC		95.10.27			type		CUSTOMER	Drawing
sheet index	revision												
	sheet												

1

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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

1 2 3

1 5 10 15 20 25 30

1 2 3

1 5 10 15 20 25 30

mat'l. code

ltr ecn no dr date

J F40810 JMC 94.10.20

K F50801 JMC 95.10.27

L F10707 LMU 01.11.28

M F06-0196 LMU 06.06.20

N F11-0034 LMU 11.03.03

dr COMPAGNON J 95.10.11

enr JMC 95.10.27

chr

appd JMC 95.10.27

surface

ISO 1302

tolerance

ISO 406 ISO 1101

tolerances unless otherwise specified

angles

Linear

projection

mm

scale 1:1

product family

BSTIK

title

HEADER,SR,STR,
POL,DUPLEX,2.54mm

dwg no

77312

sheet 3 of -

size

A3

type

CUSTOMER

Drawing

sheet index

revision sheet

1

2

3

4

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PDS: Rev :AJ

STATUS:Released

Printed: Jun 04, 2014

1					2					3					4					5					6				
PIN STYLE	PRODUCT DEFINITION				BOTTOM VIEW OF HEADER SHOWING MISSING PIN POSITIONS																								
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF	1 2 3																								
					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		linear		scale N/A		title HEADER,SR,STR, POL,DUPLEX,2.54mm														
					S F10355 LMU 01.06.25										dwg no sheet 4 of size														
					T F10707 LMU 01.11.28										77312 A3														
					U F06-0196 LMU 06.06.20										type CUSTOMER Drawing														
					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 index		revision sheet																						

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form: A3

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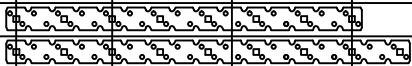
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PIN STYLE	PRODUCT DEFINITION				BOTTOM VIEW OF HEADER SHOWING MISSING PIN POSITIONS							
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF	1	5	10	15	20	25	30	35
86	1x 15	12.56	0.8	15.90								
87	1x 17	12.56	0.8	15.90								



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mat'l. code				surface	tolerance		projection	product family		
ltr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101		BSTIK		
A	B-17773	LMU	14.05.26	tolerances unless otherwise specified				title		
				angles	linear		mm	HEADER,SR,STR, POL,DUPLEX,2.54mm		
				dr	L.MULIN	14.05.26	scale N/A	dwg no		
				enr	JMC	14.05.26		sheet 5 of		
				chr				77312		
				app	14.05.26	95.10.27		size		
sheet index	revision sheet							type		
								CUSTOMER Drawing		

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[77312-477LF](#) [77312-476LF](#) [77312-481LF](#) [77312-478LF](#) [77312-176LF](#)