

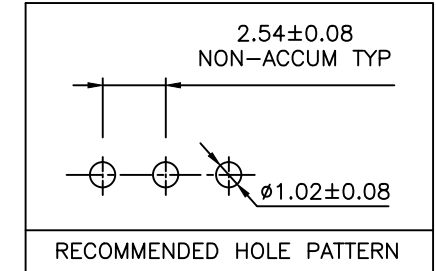
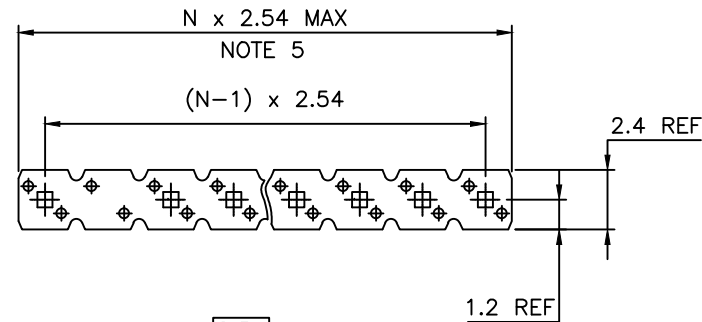
PRODUCT NUMBER

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 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.

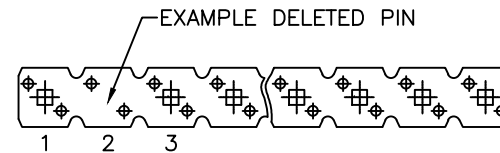
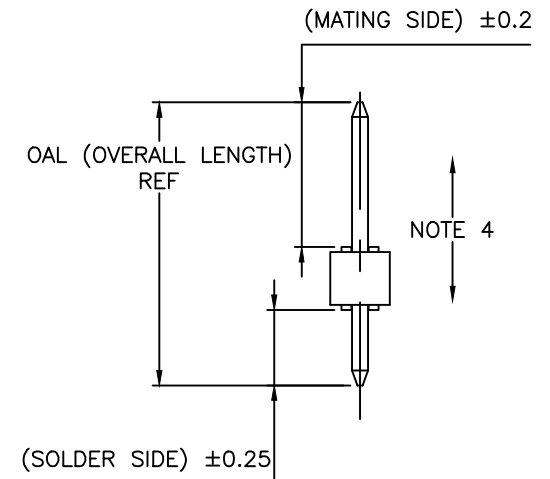
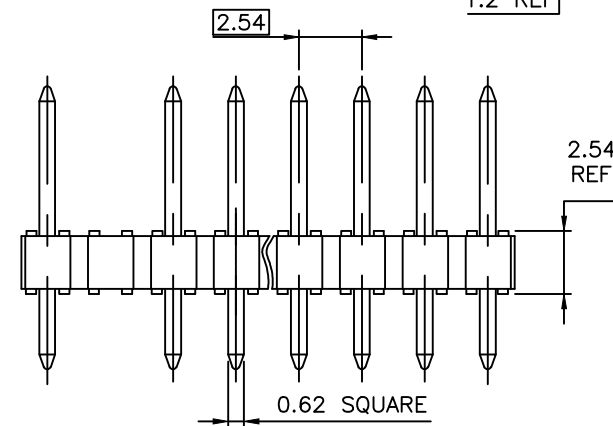
b - MANUFACTURING PROCESS COMPATIBILITY

- 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
ltr	ecr no	dr	date	tolerances unless otherwise specified		mm	title
AR	F-24825	AMA	16.08.26	angles	linear	scale 5:1	HEADER SR,STR, POL,DUPLEX,2.54mm
AS	F-25332	DDE	16.11.15				dwg no
AT	F-25396	LMU	16.11.21	dr	COMPAGNON J	95.10.27	sheet 1 of 5
AM	B-20230	LMU	15.02.09	enr	JMC	95.10.27	size
AN	B-21118	LMU	15.06.10	chr			77312 A3
AP	F-24327	AMA	16.06.17	appd	JMC	95.10.27	type
sheet	revision	AT	T	N	Y	G	CUSTOMER Drawing
index	sheet	1	2	3	4	5	

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

BOTTOM VIEW OF HEADER SHOWING MISSING PIN POSITIONS							
1	5	10	15	20	25	30	35

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	tolerance	projection	product family
				ISO 1302	ISO 406 ISO 1101		BSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
S	B-18917	LMU	14.09.26	angles	linear		HEADER,SR,STR,
T	B-21118	LMU	15.06.10				POL,DUPLEX,2.54mm
M	F10707	LMU	01.11.28	dr	COMPAGNON J	scale 1:1	dwg no
N	F06-0196	LMU	06.06.20	enrg	JMC		sheet 2 of -
P	F08-0148	RTR	08.03.31	chr			size
R	B-17773	LMU	14.05.26	appd	JMC		77312 A3
sheet	revision						type
index	sheet						CUSTOMER Drawing

1					2					3					4					5					6				
PRODUCT DEFINITION					BOTTOM VIEW OF HEADER SHOWING MISSING PIN POSITIONS																								
PIN STYLE	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF	1 2 3																								
23	1x 13	5.84	3.42	11.8	1	5	10	15	20	25	30																		
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																									

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	
M F06-0196 LMU 06.06.20				dr		COMPAGNON J		95.10.11		sheet 3 of - size	
N F11-0034 LMU 11.03.03				enr		JMC		95.10.27		77312 A3	
				chr						type	
				appd		JMC		95.10.27		CUSTOMER Drawing	
sheet index		revision sheet									

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form: A3

1

2

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4

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6

PDS: Rev :AT

STATUS:Released

Printed: Nov 23, 2016

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			scale N/A		dwg no 77312				
B	B-20094	BVE	15.01.27											
C	B-20230	LMU	15.02.09							sheet 5 of A3				
D	F-24327	AMA	16.06.17	dr	L.MULIN	14.05.26								
E	F-24825	AMA	16.08.26	enr	JMC	14.05.26								
F	F-25332	DDE	16.11.15	chr										
G	F-25396	LMU	16.11.21	appr	05.26	95.10.27				type CUSTOMER Drawing				
sheet index	revision sheet													