

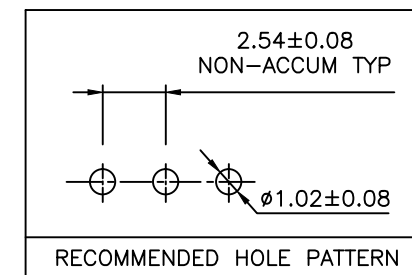
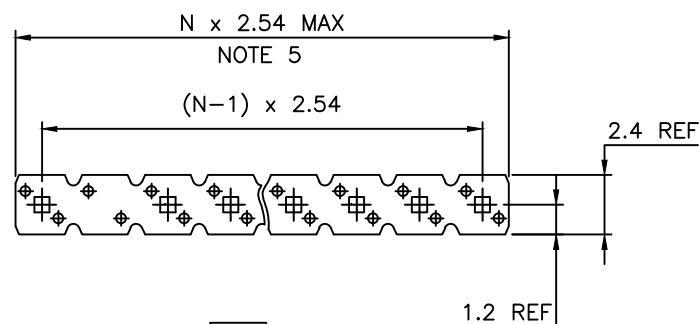
PRODUCT NUMBER

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.

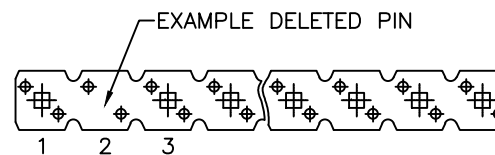
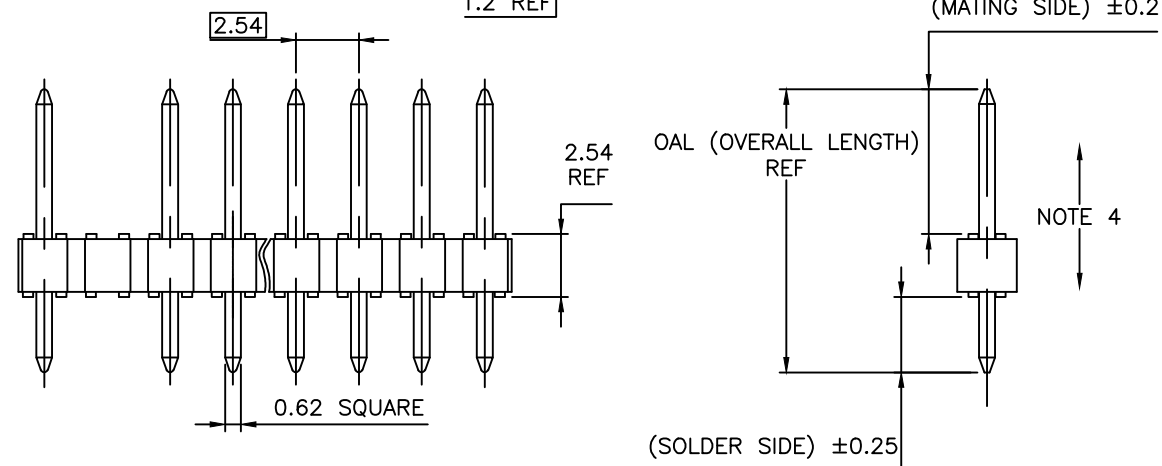
b - MANUFACTURING PROCESS COMPATIBILITY

- 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	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101	mm	BSTIK
AR	F-24825	AMA	16.08.26	tolerances unless otherwise specified			
AS	F-25332	DDE	16.11.15	angles	linear	scale 5:1	title
AT	F-25396	LMU	16.11.21	dr	COMPAGNON J	95.10.27	HEADER SR,STR, POL,DUPLEX,2.54mm
AM	B-20230	LMU	15.02.09	enr	JMC	95.10.27	dwg no
AN	B-21118	LMU	15.06.10	chr			77312
AP	F-24327	AMA	16.06.17	appd	JMC	95.10.27	sheet 1 of 5
sheet	revision	AT	T	N	Y	G	size
index	sheet	1	2	3	4	5	A3
							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

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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
S	B-18917	LMU	14.09.26	angles	linear		HEADER,SR,STR, POL,DUPLEX,2.54mm
T	B-21118	LMU	15.06.10			scale 1:1	
M	F10707	LMU	01.11.28	dr	COMPAGNON J		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 index	revision sheet						type CUSTOMER Drawing

BOTTOM VIEW OF HEADER
 SHOWING MISSING PIN POSITIONS

1 2 3

1 5 10 15 20 25 30

D

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		linear		scale N/A		title HEADER,SR,STR, POL,DUPLEX,2.54mm													
					S F10355 LMU 01.06.25										angles						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 revision																													
					index sheet																													

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form: A3

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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 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																														
88	1x 13	5.72	3.05	11.30																														
89	1x 13	5.84	3.42	11.80																														
90	1x 08	7.50	3.42	13.46																														
91	1x 07	12.83	3.03	18.40																														
92	1x 03	3.55	3.05	9.14																														
93	1x 05	3.55	3.05	9.14																														
94	1x 17	11.60	5.05	19.15																														

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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			
A B-17773 LMU 14.05.26				angles		linear		mm		HEADER,SR,STR,			
B B-20094 BVE 15.01.27										POL,DUPLEX,2.54mm			
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			
E F-24825 AMA 16.08.26				enrg		JMC		14.05.26		77312 A3			
F F-25332 DDE 16.11.15				chr						type CUSTOMER Drawing			
G F-25396 LMU 16.11.21				app		14.05.26		95.10.27					
sheet index		revision sheet											

form: A3

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PDS: Rev :AT

STATUS:Released

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