

PRODUCT NUMBER

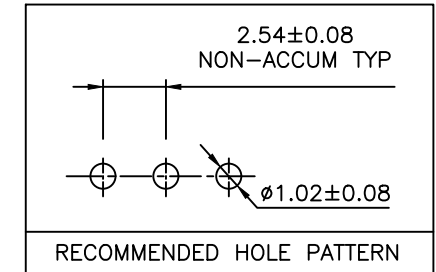
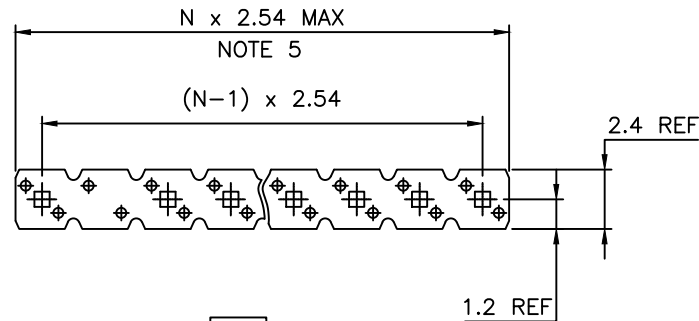
77312-YXX-LF

RoHS COMPATIBLE
SEE NOTE 7

PACKAGING SEE NOTE 8

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:

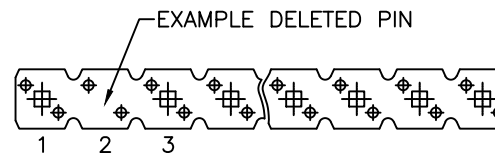
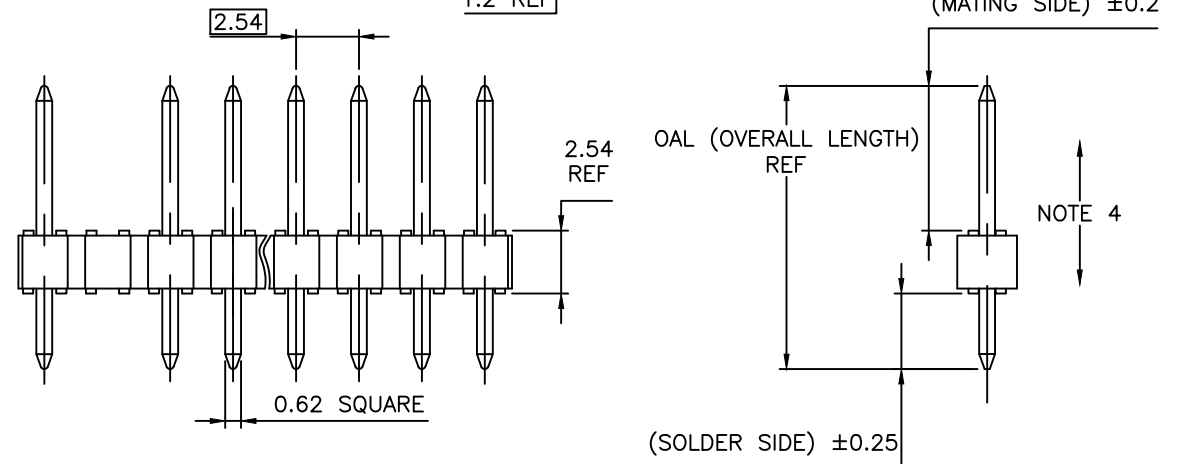
- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004

8. PACKAGING

BLANK = POLYBAGS

KV = TAPE&REEL PACKAGING WITHOUT PICK UP CAP FOR CUSTOMER DEDICATED PART. ONLY P/N 77312-496KVLF



BOTTOM VIEW

PRELIMINARY

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,
AS	F-25332	DDE	16.11.15				POL,DUPLEX,2.54mm
AT	F-25396	LMU	16.11.21				dwg no
AU	F-28244	DDE	17.09.20	dr	COMPAGNON J	95.10.27	sheet 1 of 5
				enrg	JMC	95.10.27	size
AN	B-21118	LMU	15.06.10	chr			77312
AP	F-24327	AMA	16.06.17	appd	JMC	95.10.27	A3
sheet	revision	AU	T	N	Y	H	type
index	sheet	1	2	3	4	5	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	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	mm	HEADER,SR,STR,	
T	B-21118	LMU	15.06.10			scale 1:1	POL,DUPLEX,2.54mm	
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	enrg	JMC	95.10.27	77312	A3
P	F08-0148	RTR	08.03.31	chr			type	CUSTOMER Drawing
R	B-17773	LMU	14.05.26	appd	JMC	95.10.27		
sheet	revision							
index	sheet							



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form: A3

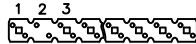
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

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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										
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		
95	1x 07	5.84	3.05	11.43	1	5	10	15	20	25	30	35		
96	1x 03	11.76	3.60	17.90	1	5	10	15	20	25	30	35		

mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/> 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			
H	F-28244	DDE	17.09.20	angles	linear		mm					
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			
E	F-24825	AMA	16.08.26	enr	JMC		14.05.26		sheet 5 of			
F	F-25332	DDE	16.11.15	chr					77312			
G	F-25396	LMU	16.11.21	app	14.05.26		95.10.27		A3			
sheet index		revision sheet							type		CUSTOMER Drawing	