

PRODUCT NUMBER

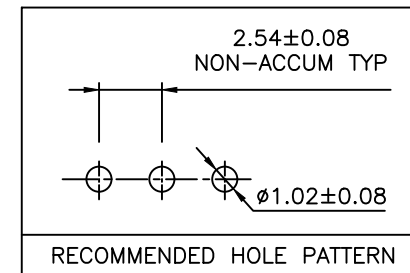
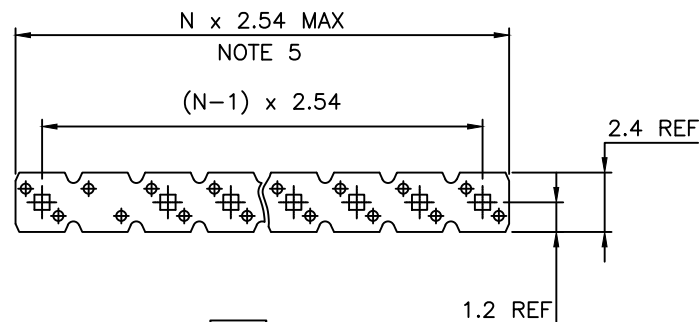
77312-YXX-LF

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:

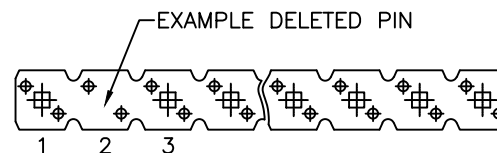
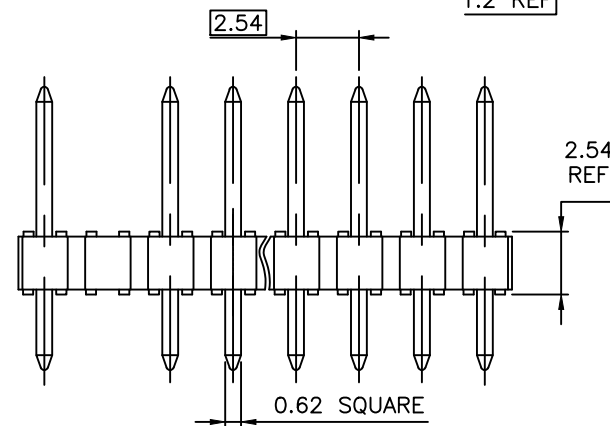
- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004

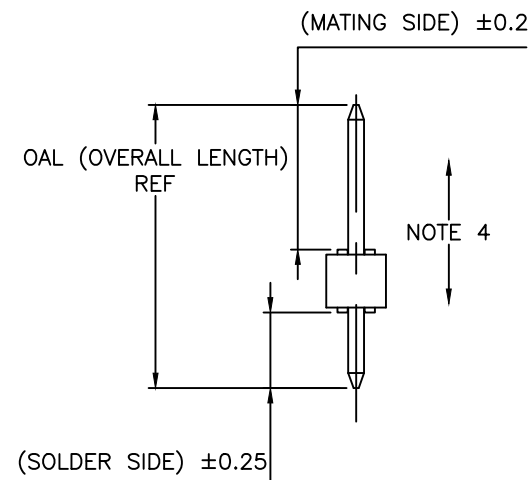
8. PACKAGING

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				surface		tolerance		projection	product family			
SEE NOTES				ISO 1302	☒	ISO 406	ISO 1101		BSTIK			
ltr	ecr no	dr	date	tolerances unless otherwise specified						title		
AR	F-24825	AMA	16.08.26	angles	linear					HEADER SR,STR		
AS	F-25332	DDE	16.11.15						mm			POL,DUPLEX,2.54mm
AT	F-25396	LMU	16.11.21						scale 5:1	dwg no		
AU	F-28244	DDE	17.09.20									
				enrg	JMC	95.10.27	size					
AN	B-21118	LMU	15.06.10	chr						FCJ		
AP	F-24327	AMA	16.06.17	appd	JMC	95.10.27	A.					
sheet				revision						type		
index	sheet	AU	T	N	Y	H	Drawing					
		1	2	3	4	5						



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form: A3

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

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	enr	JMC		sheet 2 of -
P	F08-0148	RTR	08.03.31	chr			77312
R	B-17773	LMU	14.05.26	appd	JMC		A3
sheet	revision						type
index	sheet						CUSTOMER
							Drawing



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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			mm	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		sheet 3 of -	
N	F11-0034	LMU	11.03.03	enr	JMC		77312	
				chr			A3	
				appd	JMC	95.10.27	type	
sheet		revision				CUSTOMER		Drawing
index	sheet							

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																									
95	1x 07	5.84	3.05	11.43																									
96	1x 03	11.76	3.60	17.90																									

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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				mm		title	
H F-28244 DDE 17.09.20				angles		linear				HEADER,SR,STR, POL,DUPLEX,2.54mm	
C B-20230 LMU 15.02.09								scale N/A		dwg no sheet 5 of size	
D F-24327 AMA 16.06.17				dr		L.MULIN		14.05.26		77312 A3	
E F-24825 AMA 16.08.26				enr		JMC		14.05.26		type CUSTOMER Drawing	
F F-25332 DDE 16.11.15				chr							
G F-25396 LMU 16.11.21				app		05.26		95.10.27			
sheet index		revision sheet									

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PDS: Rev :AU

STATUS:Released

Printed: Oct 24, 2017

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