

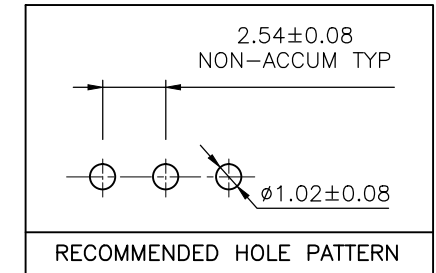
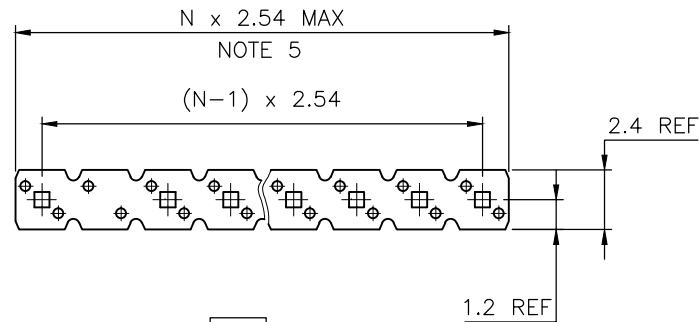
# PRODUCT NUMBER

77312-YXXLF

RoHS COMPATIBLE  
SEE NOTE 7

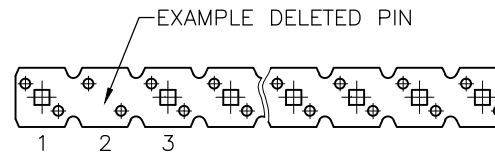
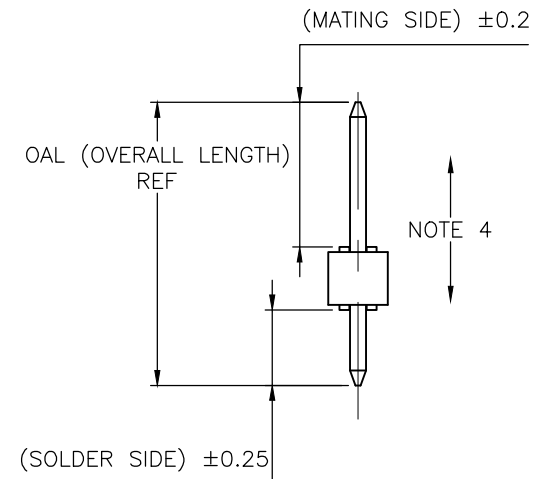
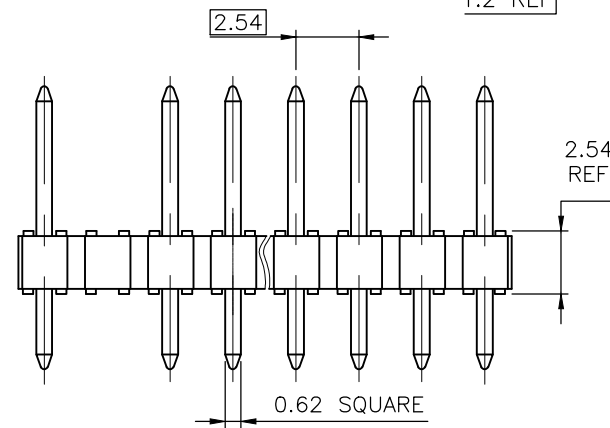
PIN STYLE

PLATING SEE SHEET 2



## NOTES:

- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- PRODUCT PACKAGED IN POLY BAGS.
- 9N MIN RETENTION IN EITHER DIRECTION
- TO DETERMINE DIMENSIONS :  
N = NUMBER OF POSITIONS PER ROW  
EXAMPLE : 8 POS  $N \times 2.54 = 20.32\text{mm}$
- UNDERPLATING :  $1.27\mu\text{m}$  Ni MIN
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS
  - PLATING:
    - "LF" MEANS THE PRODUCT IS LEAD-FREE,  $2\mu\text{m}$  MINIMUM MATTE TIN OVER  $1.27\mu\text{m}$  MINIMUM NICKEL UNDERPLATE.
  - MANUFACTURING PROCESS COMPATIBILITY
    - THE HOUSING WILL WITHSTAND EXPOSURE TO  $260^\circ\text{C} \pm 5^\circ\text{C}$  SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
  - LABELING:
    - MEETS PACKAGING SPECS AS PER GS-14-920
  - 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	ecn no	dr	date	tolerances unless otherwise specified		scale 5:1	title
AH	B-16703	LMU	14.01.09	angles	linear		HEADER SR,STR,
AJ	B-17773	LMU	14.05.26				POL,DUPLEX,2.54mm
AK	B-18917	LMU	14.09.26				dwg no
AL	B-20094	BVE	15.01.27	dr	COMPAGNON J	95.10.27	sheet 1 of 5
AM	B-20230	LMU	15.02.09	enrg	JMC	95.10.27	size
AN	B-21118	LMU	15.06.10	chr			77312
				appd	JMC	95.10.27	A3
sheet	revision	AN	T	N	Y	C	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

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				
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										1 2 3														
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																									
A																													
B																													
C																													
D																													
form: A3																													
1 2 3 4 5 6																													
PDS: Rev :AN STATUS:Released Printed: Jun 15, 2015																													

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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				HEADER,SR,STR,	
B B-20094 BVE 15.01.27										POL,DUPLEX,2.54mm	
C B-20230 LMU 15.02.09								scale N/A		dwg no sheet 5 of size	
				dr L.MULIN 14.05.26						77312 A3	
				enr JMC 14.05.26						type CUSTOMER Drawing	
				chr 14.05.26 95.10.27							
sheet index				revision sheet							

1

2

3

4

5

6