

PRODUCT NUMBER

77312-YXXLF

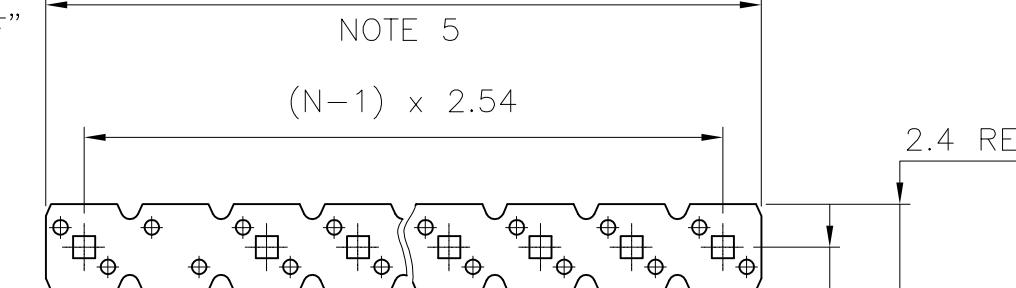
WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 7
PIN STYLE
PLATING SEE SHEET 2

N x 2.54 MAX

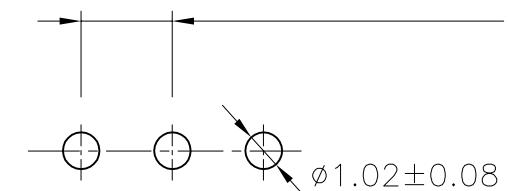
NOTE 5

(N-1) x 2.54

2.4 REF



2.54±0.08
NON-ACCUM TYP



RECOMMENDED HOLE PATTERN

A

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 : 1.27 μ m Ni MIN
7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:
- "LF" MEANS THE PRODUCT IS LEAD-FREE,
2 μ m MINIMUM MATTE TIN OVER 1.27 μ m
MINIMUM NICKEL UNDERPLATE.

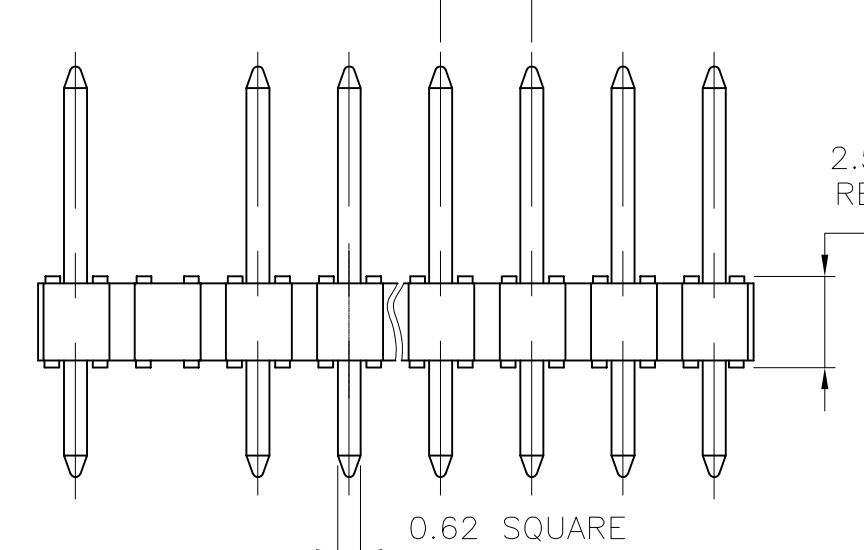
b - MANUFACTURING PROCESS COMPATIBILITY
- THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C ±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION
WITH A 1.6mm MIN THICK CIRCUIT BOARD.

c - LABELING:
- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-22-008

1.2 REF

2.54



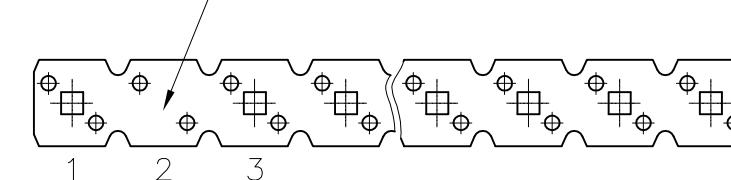
(MATING SIDE) ±0.2

OAL (OVERALL LENGTH)
REF

NOTE 4

(SOLDER SIDE) ±0.25

EXAMPLE DELETED PIN



BOTTOM VIEW

mat'l. code SEE NOTES				surface		tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302		ISO 406 ISO 1101		BSTIK
AA	F04-0167	JCO	04.04.05	tolerances unless otherwise specified			mm	
AB	F04-0362	LMU	04.11.27	angles	linear			
AC	F06-0196	LMU	06.06.20				scale 5:1	
AD	F08-0148	RTR	08.03.31	dr	COMPAGNON J	95.10.27		
				engr	JMC	95.10.27		
X	F10707	LMU	01.11.28	chr				
Y	F04-0129	LMU	04.02.04	appd	JMC	95.10.27		
sheet		revision	AD P M U					
index		sheet	1 2 3 4					



dwg no 77312 A3
type CUSTOMER Drawing

form: A3

1

2

3

4

5

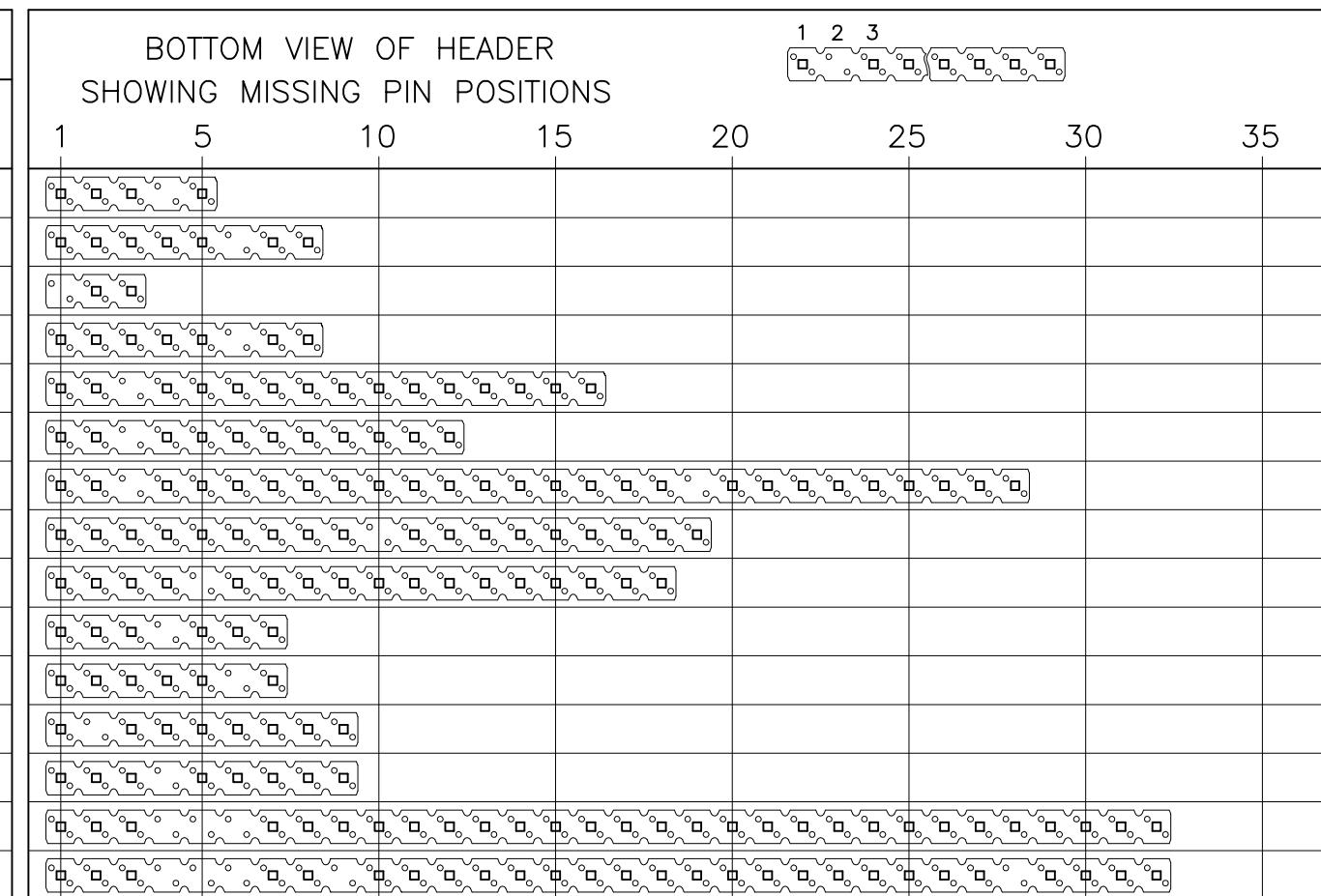
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PDM: Rev:AD

STATUS Released

Printed: Oct 29, 2008

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



77312-8XXLF	0.38µm Au/GXT	2.0-7.5µm Sn MATTE
77312-4XXLF	2.0-7.5µm Sn MATTE	
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

77312-8XX	0.38µm Au/GXT	4µm SnPb
77312-4XX	4µm SnPb FULL PLATED	
77312-2XX	1.27µm Au	4µm SnPb
77312-1XX	0.76µm Au/GXT	4µm SnPb
77312-1XXS	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
ltr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101		BSTIK
J	F40810	JMC	94.10.20	tolerances unless otherwise specified	angles	linear	title
K	F50801	JMC	95.10.27				
L	F60884	OMA	96.12.05	COMPAGNON	J	95.01.11	HEADER,SR,STR, POL, DUPLEX, 2.54mm
M	F10707	LMU	01.11.28				
N	F06-0196	LMU	06.06.20	engr	JMC	95.10.27	dwg no
P	F08-0148	RTR	08.03.31	chr	JMC	95.10.27	
				appd	JMC		
sheet		revision					
index		sheet					

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



mat'l. code				surface		tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302		ISO 406 ISO 1101		BSTIK
J	F40810	JMC	94.10.20	tolerances unless otherwise specified				
K	F50801	JMC	95.10.27	angles	linear		mm	
L	F10707	LMU	01.11.28				scale 1:1	
M	F06-0196	LMU	06.06.20	dr	COMPAGNON	J 95.10.11		
				engr	JMC	95.10.27		
				chr				
				appd	JMC	95.10.27		
sheet index		revision sheet						

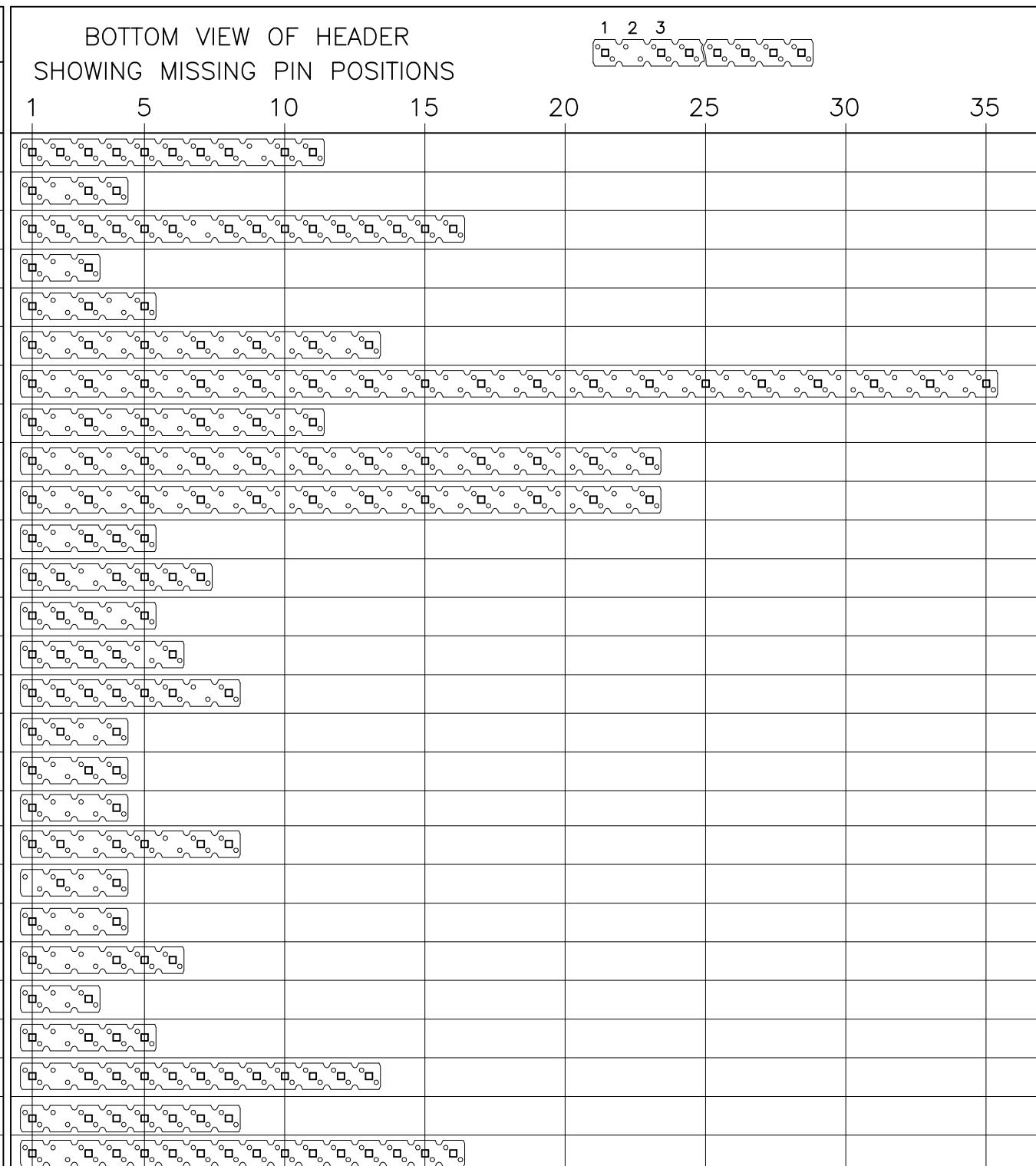
FCI

HEADER,SR,STR,
POL, DUPLEX, 2.54mm

dwg no sheet of - size
77312 A3

type CUSTOMER Drawing

PIN STYLE	PRODUCT DEFINITION			
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF
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
51	1x 5	5.72	3.05	11.3
52	1x 13	5.72	3.05	11.3
53	1x 35	5.72	3.05	11.3
54	1x 11	5.72	3.05	11.3
55	1x 23	12.83	3.03	18.4
56	1x 23	17.5	3.46	23.5
57	1x 5	5.84	3.42	11.8
58	1x 7	5.72	3.05	11.3
59	1x 5	5.72	3.05	11.3
60	1x 6	5.72	3.05	11.3
61	1x 8	5.72	3.05	11.3
62	1x 4	5.72	3.05	11.3
63	1x 4	15.57	2.84	20.95
65	1x 4	5.72	2.54	10.8
66	1x 8	5.72	2.54	10.8
67	1x 4	5.72	3.05	11.3
68	1x 4	5.72	3.05	11.3
69	1x 6	5.72	3.05	11.3
70	1x 3	5.72	2.54	10.8
71	1x 5	5.84	2.42	10.8
72	1x 13	5.72	2.54	10.8
73	1x 8	5.84	2.41	10.8
74	1x 16	5.84	2.41	10.8



mat'l. code				surface		tolerance	projection	product family
ltr	ecn	no	dr	date	ISO 1302	ISO 406	ISO 1101	title
S	F10355	LMU	01.06.25					
T	F10707	LMU	01.11.28		angles	linear		
U	F06-0196	LMU	06.06.20					scale N/A
					dr	COMPAGNON	J 95.10.11	
N	F70815	OMA	97.12.23	engr	JMC			
P	F00475	LMU	00.08.10	chr				
R	F00836	LMU	00.11.10	appd	JMC			
sheet		revision						
index		sheet						

FCI

Copyright FCI

HEADER,SR,STR,
POL, DUPLEX, 2.54mm

dwg no 77312 sheet 4 of A3

type CUSTOMER Drawing

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