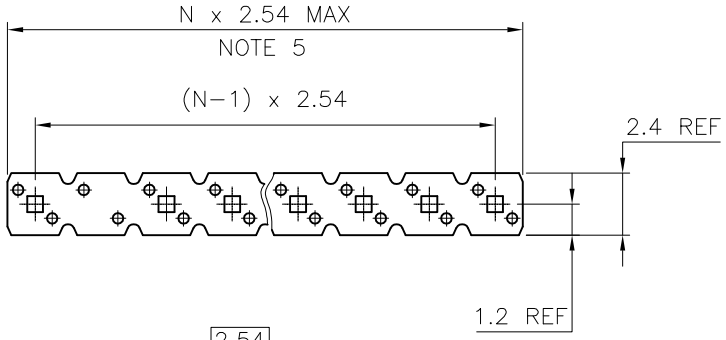
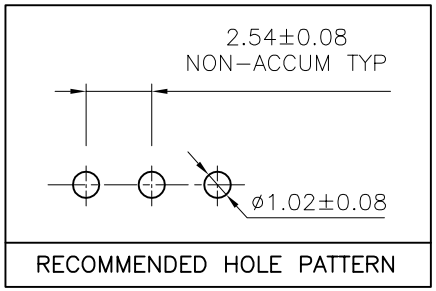
PRODUCT NUMBER

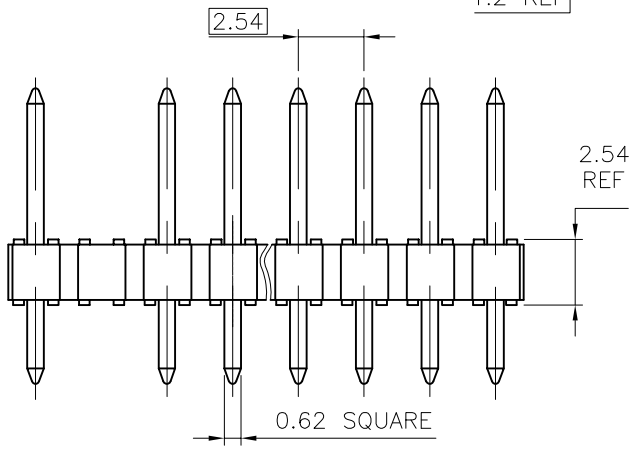
77312–YXXLF

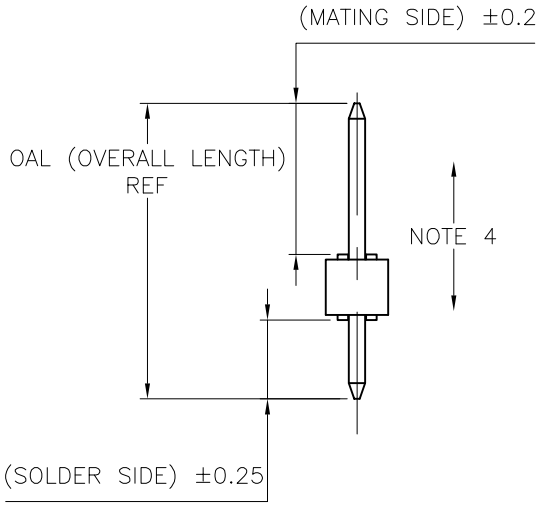
- WHEN REQUIRED, ADD SUFFIX LETTER "LF" INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 7
- PIN STYLE
- PLATING SEE SHEET 2





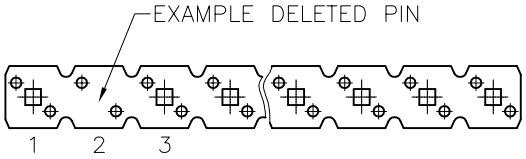
RECOMMENDED HOLE PATTERN





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–22–008



BOTTOM VIEW

mat'l. code	surface	tolerance	projection	product family
SEE NOTES	ISO 1302	ISO 406 ISO 1101		BSTIK

ltr	ecn no	dr	date
AA	F04–0167	JCO	04.04.05
AB	F04–0362	LMU	04.11.27
AC	F06–0196	LMU	06.06.20
AD	F08–0148	RTR	08.03.31
AE	F11–0034	LMU	11.03.03
AF	F11–0045	LMU	11.04.06

tolerances unless otherwise specified: angles, linear

dr	COMPAGNON J	95.10.27
engr	JMC	95.10.27
chr		
appd	JMC	95.10.27

mm

scale 5:1

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

dwg no 77312 | sheet 1 of 4 | size A3

type CUSTOMER Drawing

sheet index	revision sheet	AF	P
		1	2

N	W
3	4

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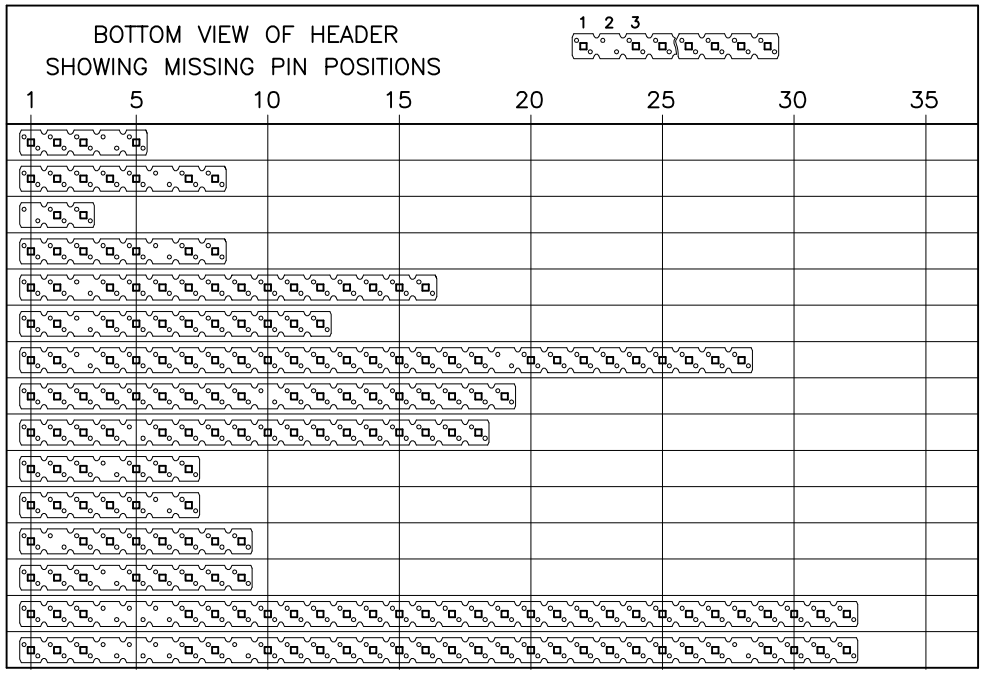
form: A3

PDM: Rev:AF STATUS: Released Printed: Apr 07, 2011

PIN STYLE	PRODUCT DEFINITION			
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF
01	1 x 5	5.84	3.42	11.8
02	1 x 8	5.84	3.42	11.8
03	1 x 3	5.84	3.42	11.8
04	1 x 8	5.72	2.54	10.8
05	1 x 16	5.72	2.54	10.8
06	1 x 12	5.72	2.54	10.8
07	1 x 28	5.84	3.42	11.8
15	1 x 19	5.84	3.42	11.8
16	1 x 18	5.84	3.42	11.8
17	1 x 7	5.84	3.42	11.8
18	1 x 7	5.84	3.42	11.8
19	1 x 9	5.84	3.42	11.8
20	1 x 9	5.84	3.42	11.8
21	1 x 32	5.84	3.42	11.8
22	1 x 32	5.84	3.42	11.8

BOTTOM VIEW OF HEADER
SHOWING MISSING PIN POSITIONS



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	

ltr	ecn no	dr	date
J	F40810	JMC	94.10.20
K	F50801	JMC	95.10.27
L	F60884	OMA	96.12.05
M	F10707	LMU	01.11.28
N	F06-0196	LMU	06.06.20
P	F08-0148	RTR	08.03.31

mat'l. code

surface ISO 1302 | tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles | linear

dr	COMPAGNON J	95.01.11
engr	JMC	95.10.27
chr		
appd	JMC	95.10.27

projection | mm | scale 1:1

product family: BSTIK

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

dwg no 77312 | sheet 2 of - | size A3

type CUSTOMER Drawing

sheet index | revision sheet

form: A3

PDM: Rev:AF STATUS: Released Printed: Apr 07, 2011

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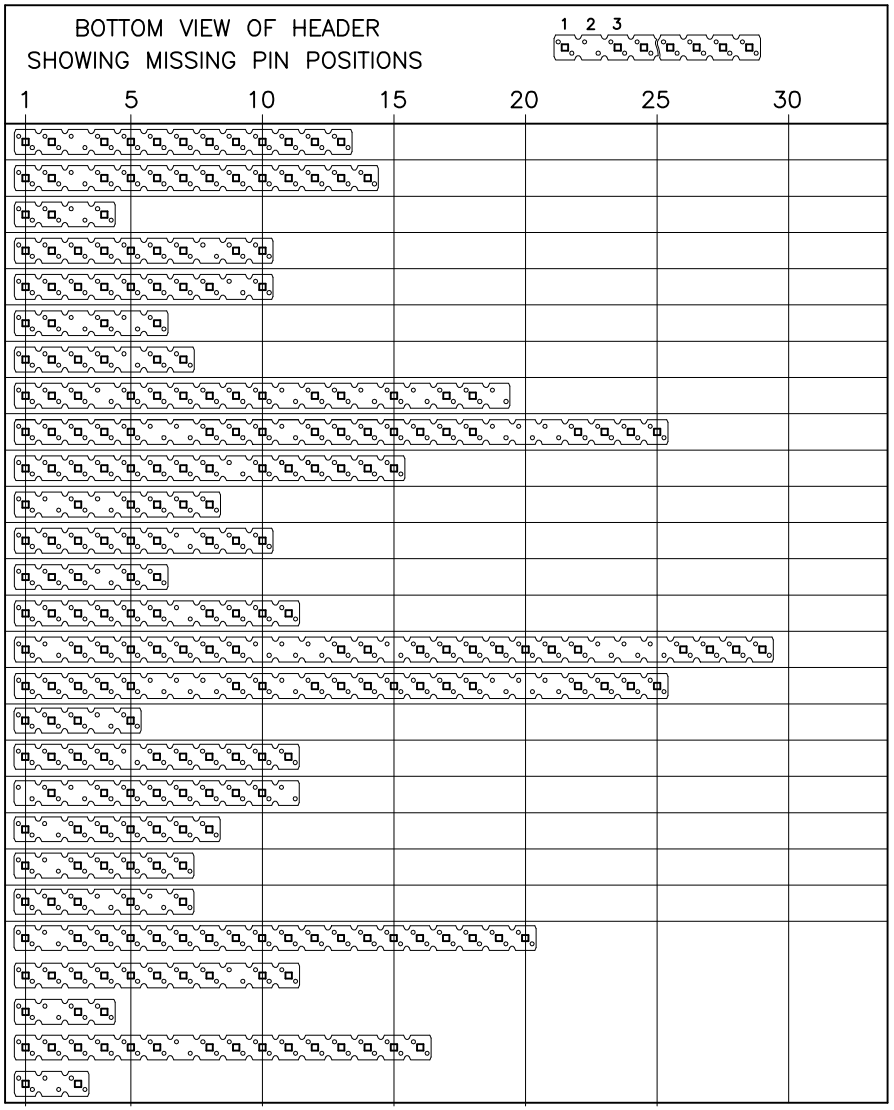
PIN STYLE	PRODUCT DEFINITION			
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF
23	1 x 13	5.84	3.42	11.8
24	1 x 14	5.84	3.42	11.8
25	1 x 4	5.84	3.42	11.8
26	1 x 10	5.84	3.42	11.8
27	1 x 10	5.84	3.42	11.8
28	1 x 6	5.72	2.54	10.8
29	1 x 7	5.84	3.42	11.8
30	1 x 19	5.84	3.42	11.8
31	1 x 25	5.84	3.42	11.8
32	1 x 15	5.84	3.42	11.8
33	1 x 8	5.84	3.42	11.8
34	1 x 10	5.84	3.42	11.8
35	1 x 6	5.84	3.42	11.8
36	1 x 11	5.84	3.42	11.8
37	1 x 29	5.84	3.42	11.8
38	1 x 25	5.84	3.42	11.8
39	1 x 5	5.72	2.54	10.8
40	1 x 11	5.72	3.05	11.3
41	1 x 11	5.72	3.05	11.3
42	1 x 8	7.75	3.06	13.35
43	1 x 7	5.84	3.42	11.8
44	1 x 7	5.72	2.54	10.8
45	1 x 20	5.72	7.64	15.9
46	1 x 11	5.72	3.05	11.3
48	1 x 4	5.72	3.05	11.3
49	1 x 16	5.72	7.64	15.9
50	1 x 3	5.72	3.05	11.3

BOTTOM VIEW OF HEADER
SHOWING MISSING PIN POSITIONS



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
				tolerances unless otherwise specified			BSTIK
ltr	ecn no	dr	date	angles	linear		title
J	F40810	JMC	94.10.20			mm	HEADER,SR,STR,
K	F50801	JMC	95.10.27				POL,DUPLEX,2.54mm
L	F10707	LMU	01.11.28			scale 1:1	
M	F06-0196	LMU	06.06.20	dr	COMPAGNON J 95.10.11		dwg no 77312 sheet 3 of - size A3
N	F11-0034	LMU	11.03.03	engr	JMC 95.10.27		
				chr			type CUSTOMER Drawing
				appd	JMC 95.10.27		

sheet index | revision sheet

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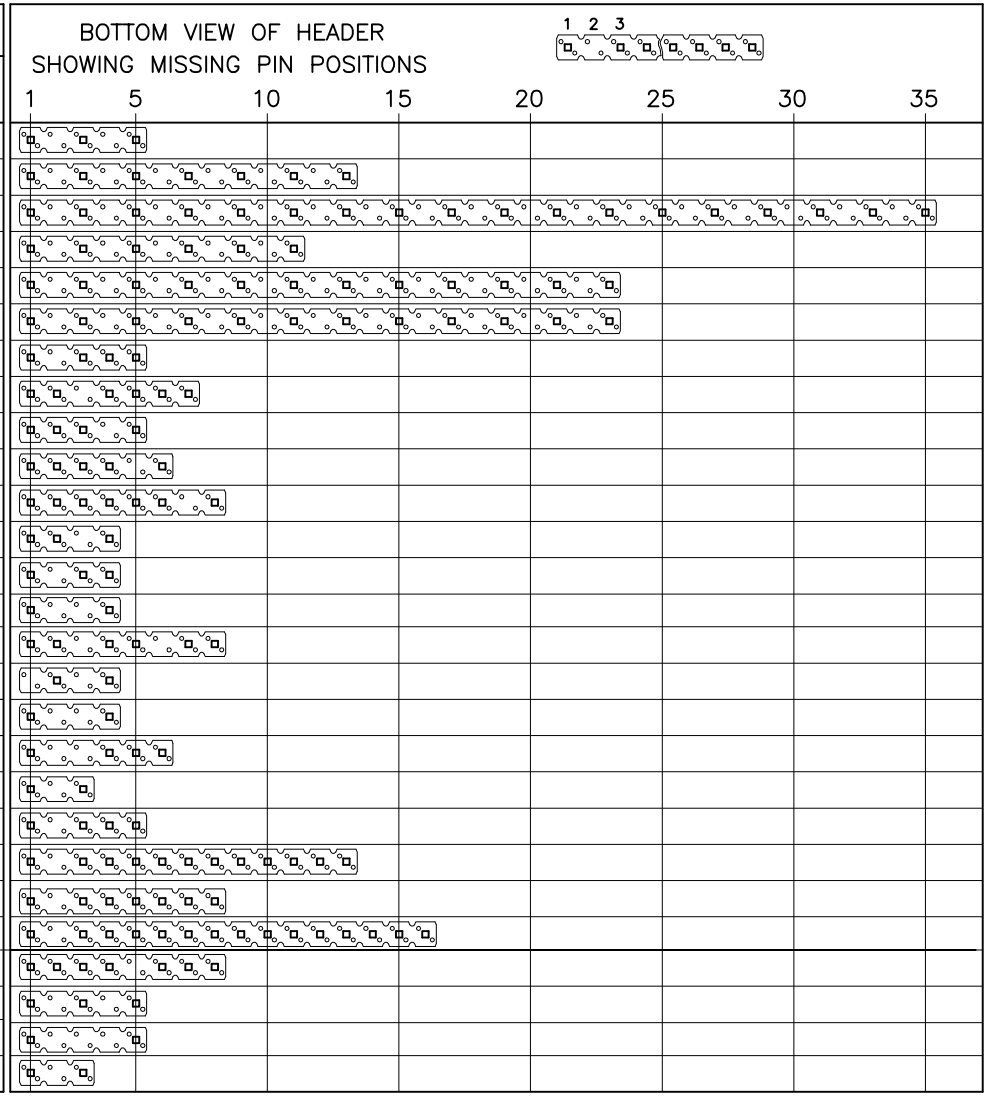
PIN STYLE	PRODUCT DEFINITION			
	NB OF POS	MATING SIDE	SOLDER SIDE	("OAL") REF
51	1 x 5	5.72	3.05	11.3
52	1 x 13	5.72	3.05	11.3
53	1 x 35	5.72	3.05	11.3
54	1 x 11	5.72	3.05	11.3
55	1 x 23	12.83	3.03	18.4
56	1 x 23	17.5	3.46	23.5
57	1 x 5	5.84	3.42	11.8
58	1 x 7	5.72	3.05	11.3
59	1 x 5	5.72	3.05	11.3
60	1 x 6	5.72	3.05	11.3
61	1 x 8	5.72	3.05	11.3
62	1 x 4	5.72	3.05	11.3
63	1 x 4	15.57	2.84	20.95
65	1 x 4	5.72	2.54	10.8
66	1 x 8	5.72	2.54	10.8
67	1 x 4	5.72	3.05	11.3
68	1 x 4	5.72	3.05	11.3
69	1 x 6	5.72	3.05	11.3
70	1 x 3	5.72	2.54	10.8
71	1 x 5	5.84	2.42	10.8
72	1 x 13	5.72	2.54	10.8
73	1 x 8	5.84	2.41	10.8
74	1 x 16	5.84	2.41	10.8
75	1 x 08	5.84	2.41	10.8
76	1 x 05	2.50	1.80	6.84
77	1 x 05	2.50	1.80	6.84
78	1 x 03	8.13	2.33	13.0

BOTTOM VIEW OF HEADER
SHOWING MISSING PIN POSITIONS



ltr	ecn no	dr	date
S	F10355	LMU	01.06.25
T	F10707	LMU	01.11.28
U	F06-0196	LMU	06.06.20
V	F11-0034	LMU	11.03.03
W	F11-0045	LMU	11.04.06
R	F00836	LMU	00.11.10

mat'l. code

surface ISO 1302 | tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles | linear

dr	COMPAGNON J	95.10.11
engr	JMC	95.10.27
chr		
appd	JMC	95.10.27

projection

mm

scale N/A

product family: BSTIK

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

dwg no 77312 | sheet 4 of | size A3

type CUSTOMER Drawing

sheet index | revision sheet

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form: A3

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