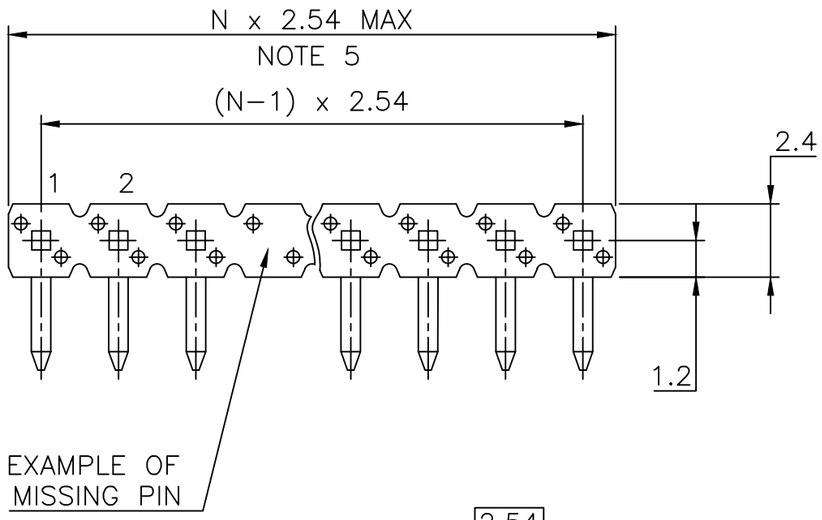
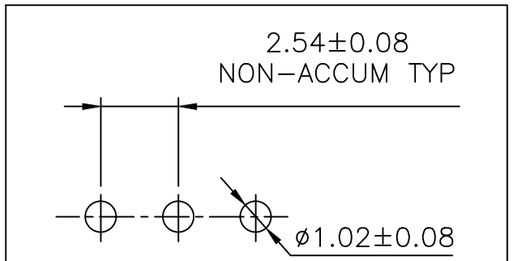
PRODUCT NUMBER

77316–YXXLF

- RoHS COMPATIBLE SEE NOTE 7
- PIN STYLE SEE SHEET 2
- PLATING SEE SHEET 2

TOP VIEW

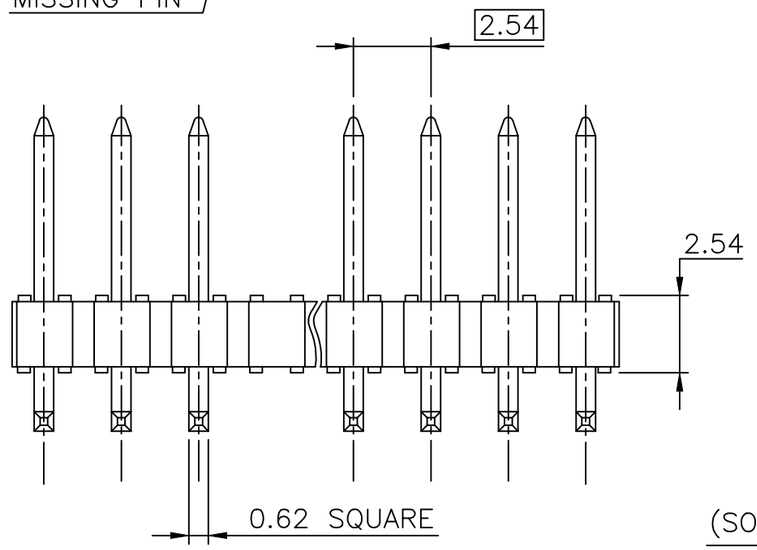


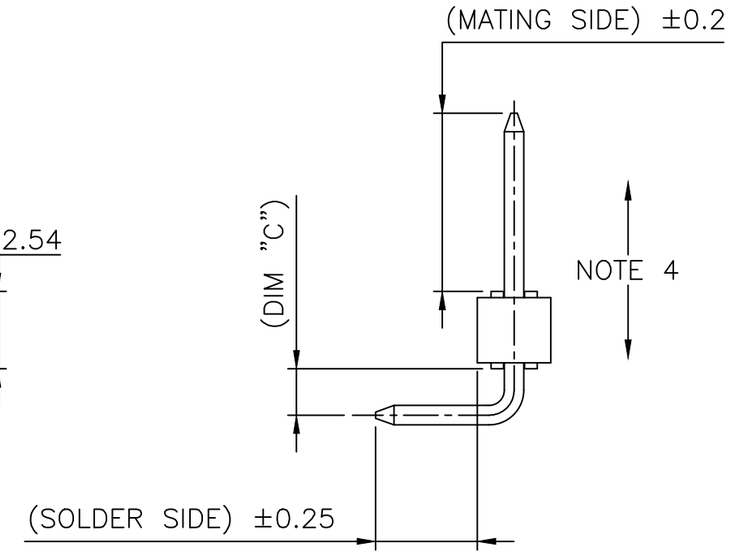


RECOMMENDED HOLE PATTERN

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–47–0004





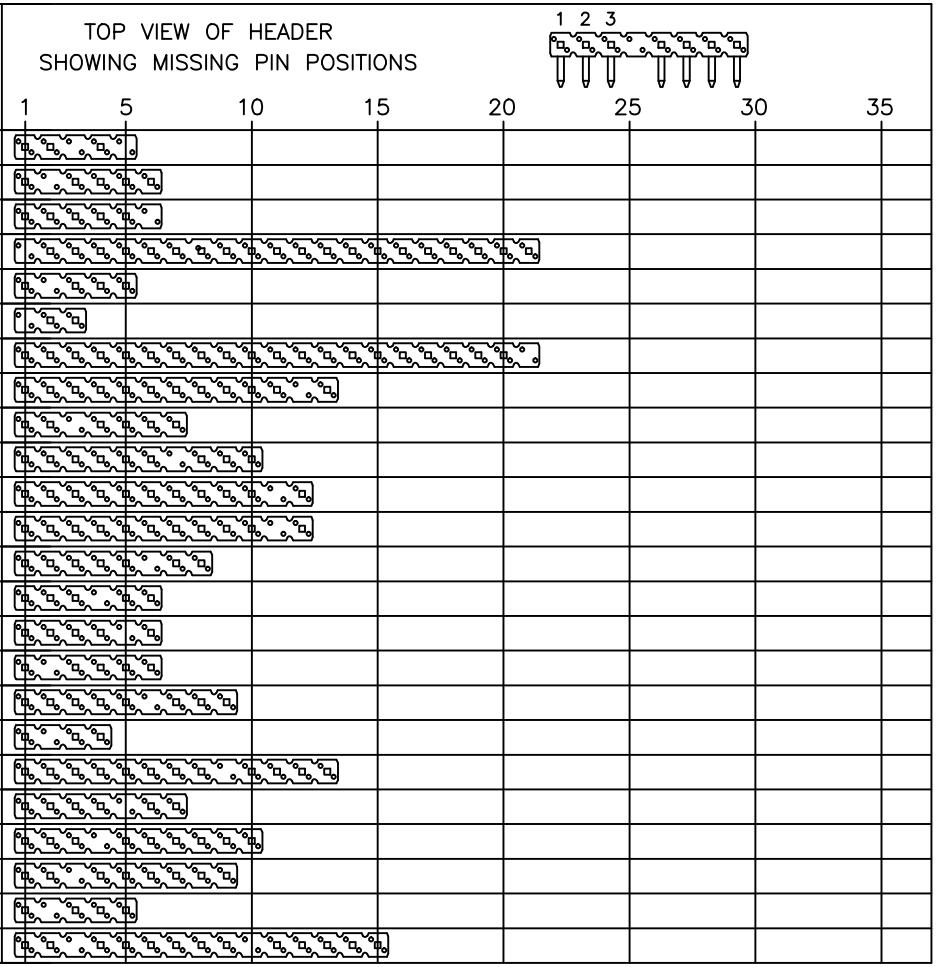
mat'l. code				surface		tolerance	projection	product family
SEE P/N				ISO 1302 √		ISO 406 ISO 1101		BSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified				title
AG	F12–0823	JFA	12.11.05	angles	linear	.X ±0.3		UNSHR.HEADER
AH	B–17992	LMU	14.06.18			.XX ±0.15	mm	RA SR TMT POL
AJ	B–18916	LMU	14.09.26			.XXX ±0.05	scale 5:1	
AK	B–19156	LMU	14.10.22	dr	O. MATHEVON	96.04.09		dwg no 77316 sheet 1 of 3 size A3
AL	F–24542	AMA	16.07.20	engr	COMPAGNON J	96.04.09		
AM	F–25333	DDE	16.11.15	chr	COMPAGNON J	96.04.09		type CUSTOMER Drawing
AN	F–25362	DDE	16.11.16	appd	JMC	96.04.09		

sheet	revision	AN	V
index	sheet	1	2

AG 3

PIN STYLE	NB OF POS	PRODUCT DEFINITION "MATING SIDE" ±0.2	"SOLDER SIDE" ±0.35	"C" REF
01	1x5	5.72	2.57	1.4
02	1x6	5.72	2.57	1.4
03	1x6	5.72	5.11	3.94
04	1x21	5.72	3.45	1.4
06	1x5	5.72	2.57	1.4
07	1x3	5.72	3.45	1.4
08	1x21	5.72	3.45	1.4
10	1x13	5.72	3.45	1.4
17	1x7	5.72	3.45	1.4
18	1x10	5.72	3.45	1.4
20	1x12	5.84	2.29	1.4
21	1x12	5.72	2.57	1.4
22	1x8	5.72	3.45	1.4
23	1x6	5.72	3.45	1.4
26	1x6	5.72	3.45	1.4
27	1x6	5.72	3.45	1.4
28	1x9	5.72	3.45	1.4
29	1x4	5.72	3.45	1.4
30	1x13	5.72	3.45	1.4
31	1x7	5.72	3.45	1.4
32	1x10	5.72	3.45	1.4
33	1x9	5.72	3.45	1.4
34	1x5	5.72	3.45	1.4
35	1x15	5.72	2.57	1.4

TOP VIEW OF HEADER
SHOWING MISSING PIN POSITIONS



77316-9XXLF	0.2µm Au / GXT	2.0-7.5 Sn MATTE
77316-8XXLF	0.38µm Au/GXT	2.0-7.5 Sn MATTE
77316-5XXLF	0.25µm Au/GXT	2.0-7.5 Sn MATTE
77316-4XXLF	2.0-7.5 Sn MATTE	
77316-2XXLF	1.27µm Au	2.0-7.5 Sn MATTE
77316-1XXLF	0.76µm Au/GXT	2.0-7.5 Sn MATTE
PLATING CODE	CONTACT AREA	REMAINDER
	PLATING THICKNESS OVER 1.27µm Ni	

ltr	ecn no	dr	date
R	F06-0207	LMU	06.07.27
S	F08-0148	RTR	08.03.31
T	F11-0052	LMU	11.04.22
U	B-18916	LMU	14.09.29
V	F-24542	AMA	16.07.20
P	F04-0362	LMU	04.11.29

mat'l. code
surface ISO 1302
tolerance ISO 406 ISO 1101
tolerances unless otherwise specified: angles, linear
projection
mm
scale N/A

dr	O. MATHEVON	96.04.09
engr	COMPAGNON J	96.04.09
chr	COMPAGNON J	96.04.09
appd	JMC	96.04.09

sheet index | revision sheet

product family: BSTIK

title: UNSHR.HEADER
RA SR TMT POL

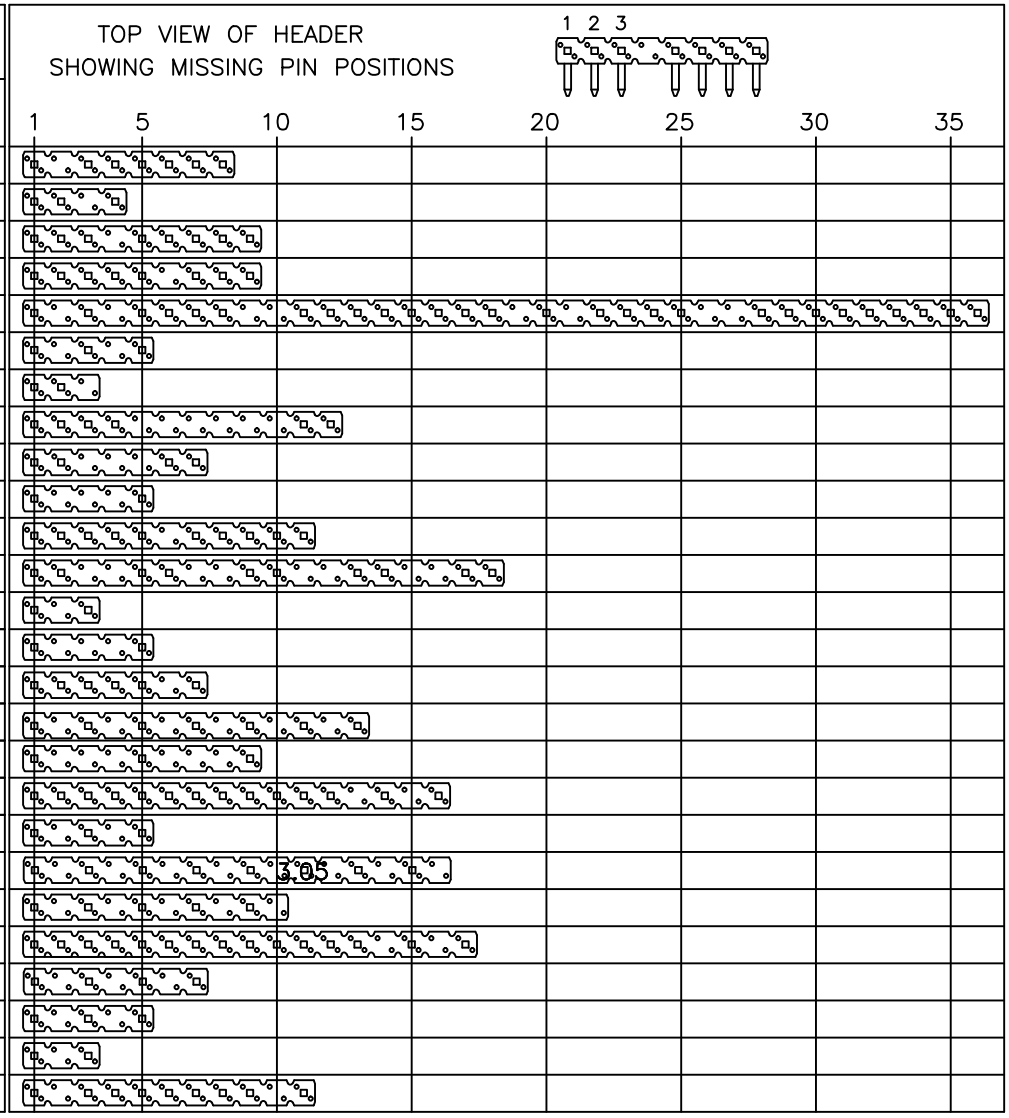
dwg no: 77316
sheet 2 of
size: A3

type: CUSTOMER Drawing

form: A3

PIN STYLE	NB OF POS	PRODUCT DEFINITION		
		"MATING SIDE" ±0.2	"SOLDER SIDE" ±0.35	"C" REF
36	1x08	3.05	5.00	1.4
37	1x04	6.75	2.85	1.4
38	1x09	5.72	2.54	1.4
39	1x09	5.72	2.54	1.4
40	1x36	5.72	2.57	1.4
41	1x05	5.72	3.45	1.4
42	1x03	5.72	3.45	1.4
43	1x12	3.10	4.00	1.4
44	1x07	5.00	4.00	1.4
45	1x05	14.20	3.20	1.4
46	1x11	6.75	2.85	1.4
47	1x18	5.72	2.57	1.4
48	1x03	11.70	2.80	1.5
49	1x05	10.00	3.45	1.5
50	1x07	5.72	3.45	1.4
51	1x13	5.84	3.05	1.4
52	1x09	10.00	3.45	1.5
53	1x16	2.54	4.70	1.5
54	1x05	3.05	2.52	7.61
55	1x16	5.84	7.37	1.52
56	1x10	5.84	7.37	1.52
57	1x17	2.54	4.70	1.5
58	1x07	8.08	3.05	1.5
59	1x05	17.00	3.00	1.52
60	1x03	3.50	3.05	1.52
61	1x11	3.50	3.05	1.52

TOP VIEW OF HEADER
SHOWING MISSING PIN POSITIONS



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified			BSTIK
AG	F-25362	DDE	16.11.16	angles	linear	mm	title
AB	F12-0823	JFA	12.11.05			scale N/A	UNSHR.HEADER RA SR TMT POL
AC	B-17992	LMU	14.06.18	dr	O. MATHEVON	96.04.09	dwg no 77316 sheet 3 of size A3
AD	B-19156	LMU	14.10.22	engr	COMPAGNON J	96.04.09	
AE	F-24542	AMA	16.07.20	chr	COMPAGNON J	96.04.09	
AF	F-25333	DDE	16.11.15	appd	JMC	96.04.09	type CUSTOMER Drawing
sheet index	revision sheet						