

PRODUCT NUMBER

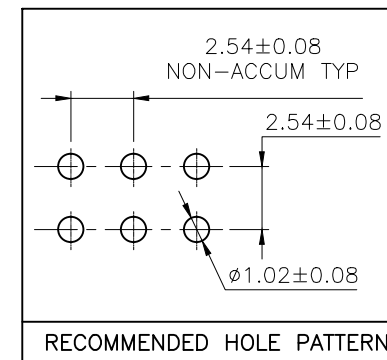
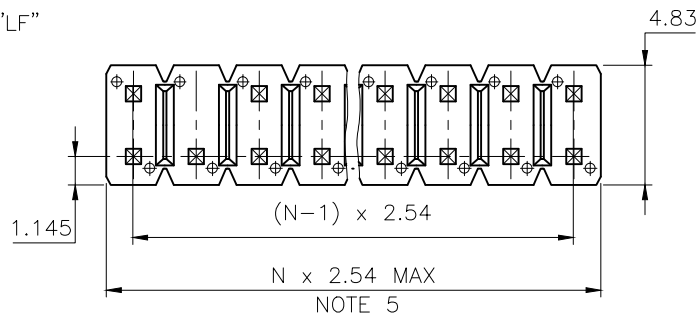
77314-YXXXLF

WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 8

OPTION LETTER
SEE NOTE 7 & SHEET 9

PIN STYLE SEE SHEET 2 TO 8

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 x 2.54 = 20.32mm
- UNDERPLATING : 1.27µm Ni MIN
- RETENTION OPTION "R", OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT APPLICABLE
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.

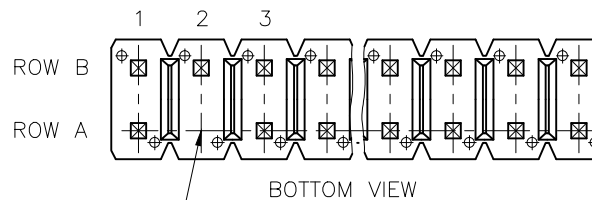
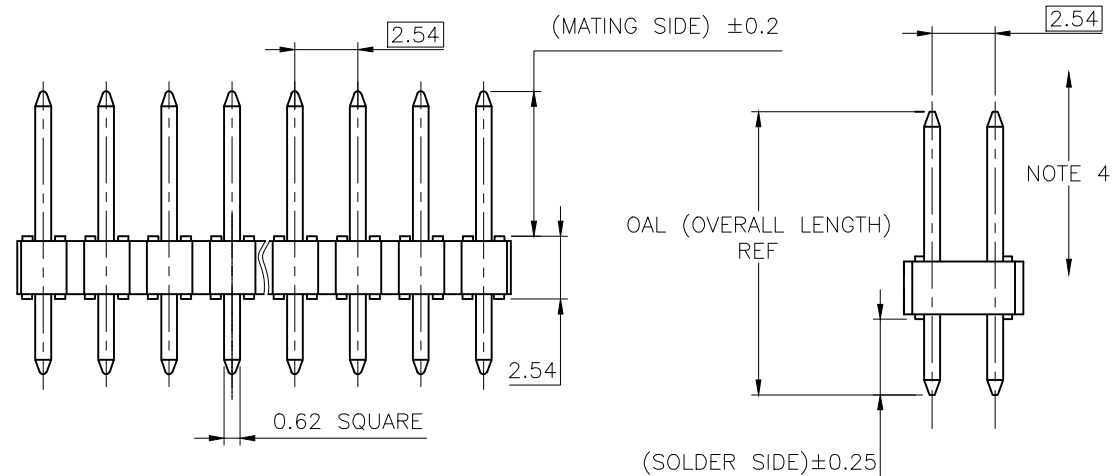
b - MANUFACTURING PROCESS COMPATIBILITY

- 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

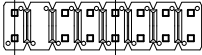
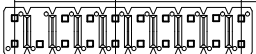
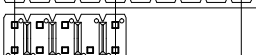


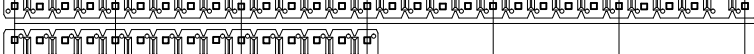
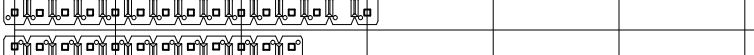


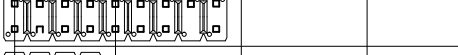


d - LEGAL STATEMENT: SEE GS-47-0004



DELETED PIN
EXAMPLE




mat'l. code SEE P/N	surface ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family BSTIK
ltr BR F11-0050LMU	date 11.05.11	tolerances unless otherwise specified	mm	title HEADER STR,DR
BS F12-0010APA	12.02.01	linear .xx ±0.15	scale 5:1	POL DUPLEX 2.54mm.
BT B-16702JCO	14.01.08	.xxx ±0.05	scale 5:1	dwg no 77314
BM F09-0218LMU	09.11.16	dr G LEOTY	91.11.13	sheet 1 of 10 size A3
BN F10-0042LMU	10.09.08	enfr J COMPAGNON	95.12.05	type CUSTOMER
BP F10-0252JCO	10.11.30	chr J COMPAGNON	95.12.05	Drawing
appd JMC				
sheet index	revision sheet	BT AJ AF AF AF AH AJ W J A		
		1 2 3 4 5 6 7 8 9 10		

PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
01	2X08	5.72	2.54	10.8
02	2X10	5.84	3.05	11.5
04	2X05	5.72	3.05	11.3
05	2X08	5.84	3.42	11.8
06	2X30	5.72	2.54	10.8
07	2X16	5.72	2.54	10.8
08	2X12	5.72	2.54	10.8
09	2X18	5.72	2.54	10.8
10	2X09	5.72	2.54	10.8
11	2X04	5.72	2.54	10.8

VIEW OF MISSING PINS POSITION FROM BOTTOM VIEW										
<div> <div>1 2 3</div> <div>B</div> <div>A</div> </div>										
1	5	10	15	20	25	30	35			
										
										
										
										
										
										
										

77314-8XXLF	0.38μm Au/GXT	2.0-7.5 Sn MATTE
77314-4XXLF	2.0-7.5 Sn MATTE	
77314-2XXLF	1.27μm Au	2.0-7.5 Sn MATTE
77314-1XXLF	0.76μm Au/GXT	2.0-7.5 Sn MATTE
77314-1XXSLF	0.76μm Au/GXT	GOLD FLASH

77314-8XX	0.38μm Au/GXT	4μm SnPb
77314-4XX	4μm SnPb FULL PLATED	
77314-2XX	1.27μm Au	4μm SnPb
77314-1XX	0.76μm Au/GXT	4μm SnPb
77314-1XXS	0.76μm Au/GXT	GOLD FLASH
PLATING CODE	CONTACT AREA	REMAINDER
	PLATING THICKNESS OVER 1.27μm Ni	

mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
AH	F06-0196	LMU	06.06.20	angles	linear					HEADER,STR,DR POL DUPLEX 2.54mm			
AJ	F08-0148	RTR	08.03.31										
								scale 1:1		<div></div> <div>dwg no 77314 sheet 2 of - size A3</div> <div>type CUSTOMER Drawing</div>			
AE	F10707	LMU	01.12.03	dr	G LEOTY	91.11.13							
AF	F20197	LMU	02.04.16	enrg	PHAMVAN JM	95.02.27							
AG	F04-0362	JCO	04.12.10	chr	COMPAGNON J	95.02.27							
				appd	JMP	95.02.27							
sheet index		revision sheet											




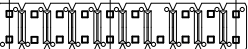











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form: A3

PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
13				
14				
15				
16				
17	2X17	5.72	3.42	10.8
18	2X10	5.72	2.54	10.8
19	2X17	5.72	2.54	10.8
20				
21	2X36	5.72	2.54	10.8
22	2X08	5.72	2.54	10.8
23	2X05	5.72	2.54	10.8
24	2X03	5.72	2.54	10.8
25	2X03	5.72	2.54	10.8
26	2X03	5.72	2.54	10.8

VIEW OF MISSING PINS POSITION FROM BOTTOM VIEW							
<div>1 2 3</div> <div>B </div> <div>A </div>							
1	5	10	15	20	25	30	35
							
							
							
							
							
							
							
							
							

mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
AB	F40235	JMC	94.02.25	angles	linear	 mm	HEADER,STR,DR
AC	F30323	JMC	95.02.27				POL DUPLEX 2.54mm
AD	F10707	LMU	01.12.03	dr	G LEOTY	91.11.13	dwg no
AE	F20197	LMU	02.04.16		PHAMVAN JM	95.02.27	sheet 3 of - size
AF	F06-0196	LMU	06.06.20	enr	COMPAGNON	95.02.27	77314 A3
				chr	JMP	95.02.27	type
				appd			CUSTOMER Drawing
sheet index	revision sheet						

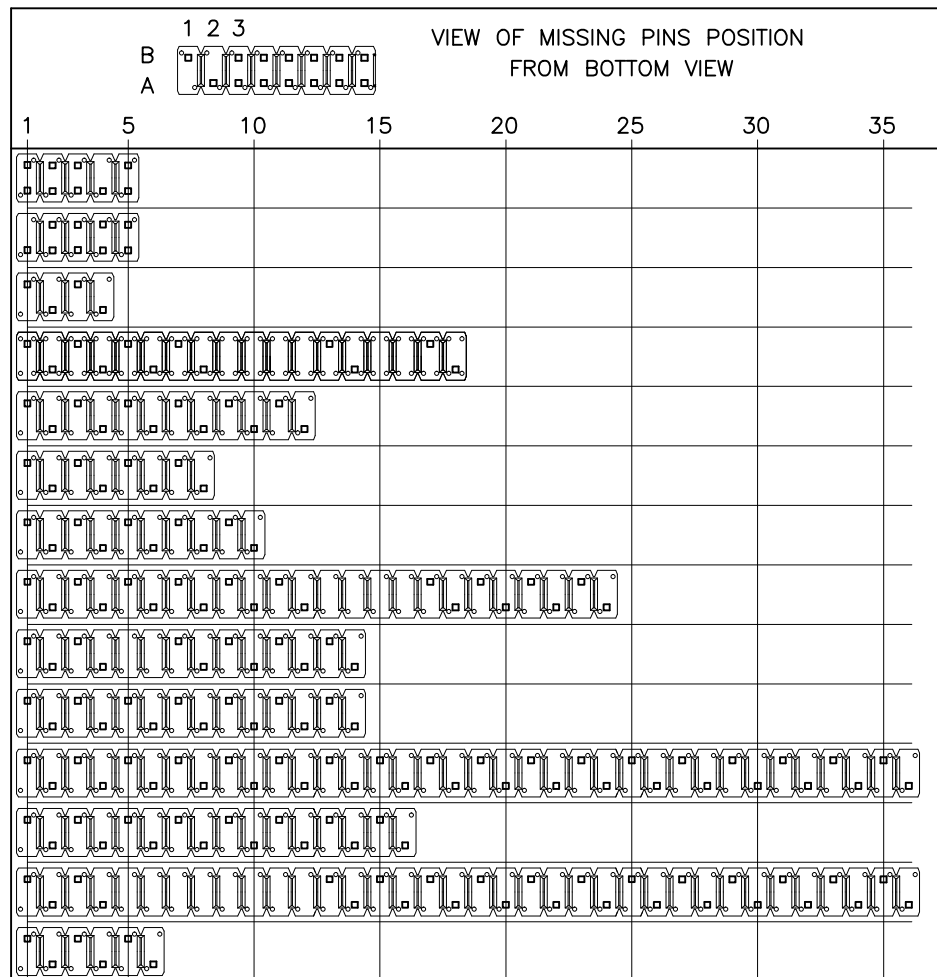


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PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
27	2X05	5.72	2.54	10.8
28	2X05	5.72	2.54	10.8
29	2X04	12.7	5.72	20.96
30	2X18	12.7	5.72	20.96
31	2X12	12.7	5.72	20.96
32	2X08	12.7	5.72	20.96
33	2X10	12.7	5.72	20.96
34	2X24	12.7	5.72	20.96
35	2X14	12.7	5.72	20.96
36	2X14	12.7	5.72	20.96
37	2X36	12.7	5.72	20.96
38	2X16	12.7	5.72	20.96
39	2X36	12.7	5.72	20.96
40	2X06	12.7	5.72	20.96



mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101		tolerance ISO 406 ISO 1101		projection 		product family BSTIK	
ltr		ecn no		dr		date		title	
AB		F40235		JMC		94.02.25		HEADER,STR,DR	
AC		F30323		JMC		95.02.27		POL DUPLEX 2.54mm	
AD		F10707		LMU		01.12.03		scale 1:1	
AE		F20197		LMU		02.04.16		dwg no	
AF		F06-0196		LMU		06.06.20		sheet 4 of - size	
				dr		G LEOTY		77314 A3	
				enr		PHAMVAN JM		type	
				chr		COMPAGNON J		CUSTOMER Drawing	
				appd		JMP			
sheet		revision							
index		sheet							

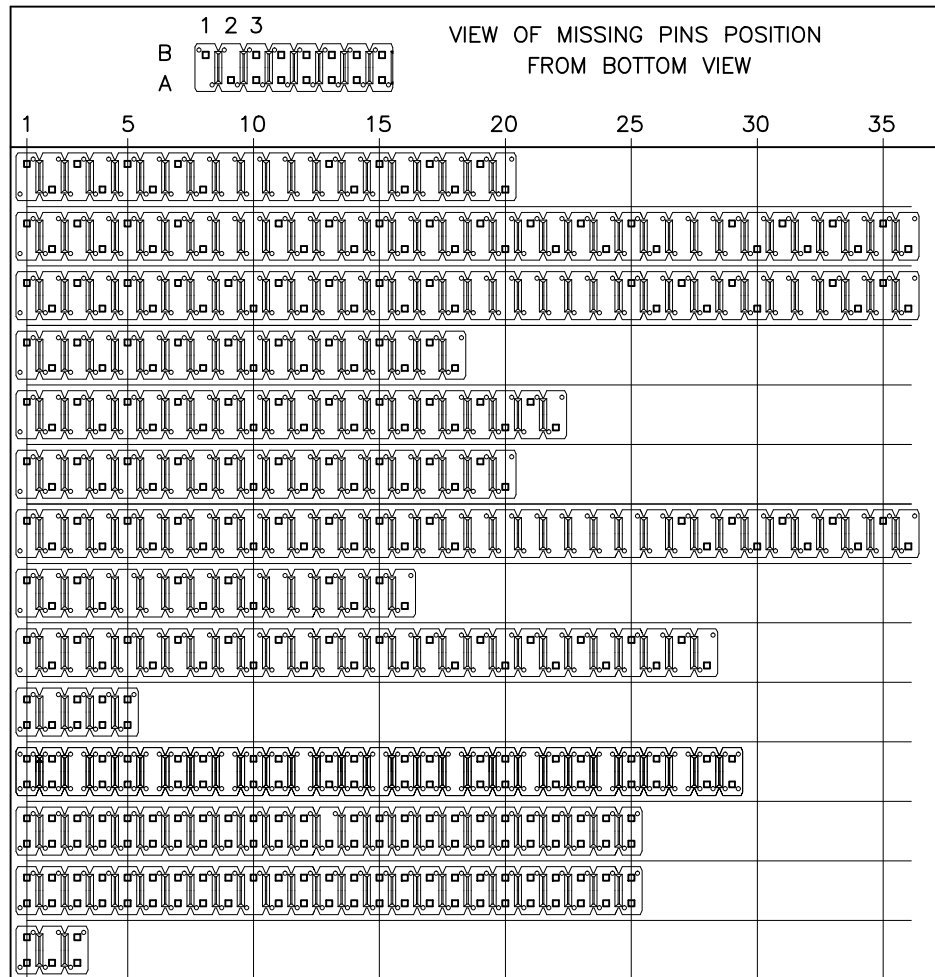


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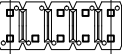


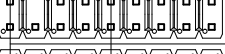

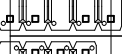





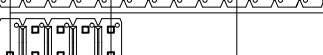

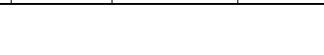
form: A3

PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
41	2X20	12.7	5.72	20.96
42	2X36	12.7	5.72	20.96
43	2X36	12.7	5.72	20.96
44	2X18	12.7	5.72	20.96
45	2X22	12.7	5.72	20.96
46	2X20	12.7	5.72	20.96
47	2X36	12.7	5.72	20.96
48	2X16	12.7	5.72	20.96
49	2X28	12.7	5.72	20.96
50	2X05	5.72	2.54	10.8
51	2X29	5.84	3.42	11.8
52	2X25	5.72	2.54	10.8
53	2X25	12.83	3.03	18.4
54	2X03	5.84	3.42	11.8



mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101	tolerance ISO 406 ISO 1101	projection 	product family BSTIK
ltr	ecr no	dr	date	tolerances unless otherwise specified			title
AB	F40235	JMC	94.02.25	angles	linear		HEADER,STR,DR
AC	F30323	JMC	95.02.27				POL DUPLEX 2.54mm
AD	F10707	LMU	01.12.03	dr	G LEOTY	91.11.13	dwg no
AE	F20197	LMU	02.04.16				sheet 5 of - size
AF	F06-0196	LMU	06.06.20	enr	PHAMVAN JM	95.02.27	77314 A3
				chr	COMPAGNON J	95.02.27	type
				appd	JMP	95.02.27	CUSTOMER Drawing
sheet index	revision sheet						

PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
55	2X05	5.84	3.42	11.8
56	2X06	5.84	3.42	11.8
57	2X08	5.84	3.42	11.8
58	2X09	5.84	3.42	11.8
59	2X13	5.84	3.42	11.8
60	2X05	5.84	3.42	11.8
61	2X04	5.72	2.54	10.8
62	2X20	5.72	2.54	10.8
63	2X06	5.72	2.54	10.8
64	2X04	5.84	3.42	11.8
65	2X06	5.72	2.72	10.8
66	2X13	5.84	3.12	11.5
67	2X05	5.72	2.54	10.8
68	2X13	5.84	3.42	11.8

VIEW OF MISSING PINS POSITION FROM BOTTOM VIEW							
1	5	10	15	20	25	30	35
							
							
							
							
							
							
							
							
							
							
							
							
							
							

mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1101	BSTIK
AB	F40235	JMC	94.02.25	tolerances unless otherwise specified			title
AC	F30323	JMC	95.02.27	angles	linear	mm	HEADER,STR,DR
AD	F70430	JMC	97.06.02			scale 1:1	POL DUPLEX 2.54mm
AE	F00100	LMU	00.01.11	dr	G LEOTY	91.11.13	dwg no
AF	F10707	LMU	01.12.03	enr	PHAMVAN JM	95.02.27	sheet 6 of - size
AG	F20197	LMU	02.04.16	chr	COMPAGNON J	95.02.27	77314 A3
AH	F06-0196	LMU	06.06.20	appd	JMP	95.02.27	type CUSTOMER Drawing
sheet index	revision sheet						

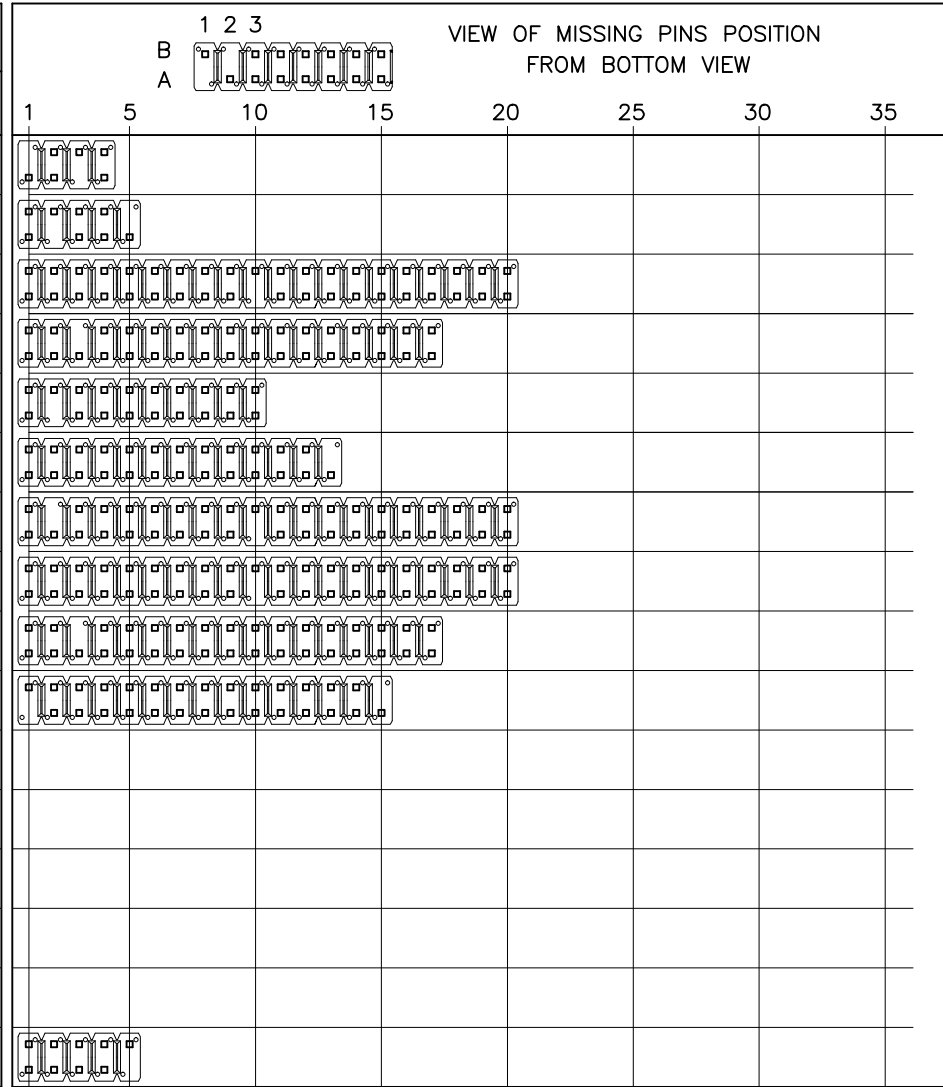


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form: A3

PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
69	2X04	5.72	2.54	10.8
70	2X05	5.72	2.54	10.8
71	2X20	5.72	3.05	11.3
72	2X17	5.72	3.05	11.3
73	2X10	5.72	3.05	11.3
74	2X13	5.72	3.05	11.3
75	2X20	5.72	3.05	11.3
76	2X20	5.72	3.05	11.3
77	2X17	5.72	3.05	11.3
78	2X15	5.84	3.42	11.8
79				
80				
81				
82				
83				
84	2X05	5.72	3.05	11.3



mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
AJ	F06-0196	LMU	06.06.20	angles	linear	mm	HEADER,STR,DR
AD	F50246	JMC	95.04.03			scale 1:1	POL DUPLEX 2.54mm
AE	F50625	JMC	95.08.26	dr	G LEOTY		dwg no
AF	F50916	JMC	95.12.05	engr	COMPAGNON J		sheet 7 of - size
AG	F10707	LMU	01.12.03	chr			77314 A3
AH	F20197	LMU	02.04.16	appd	JMC	95.12.05	type CUSTOMER Drawing
sheet	revision						
index	sheet						



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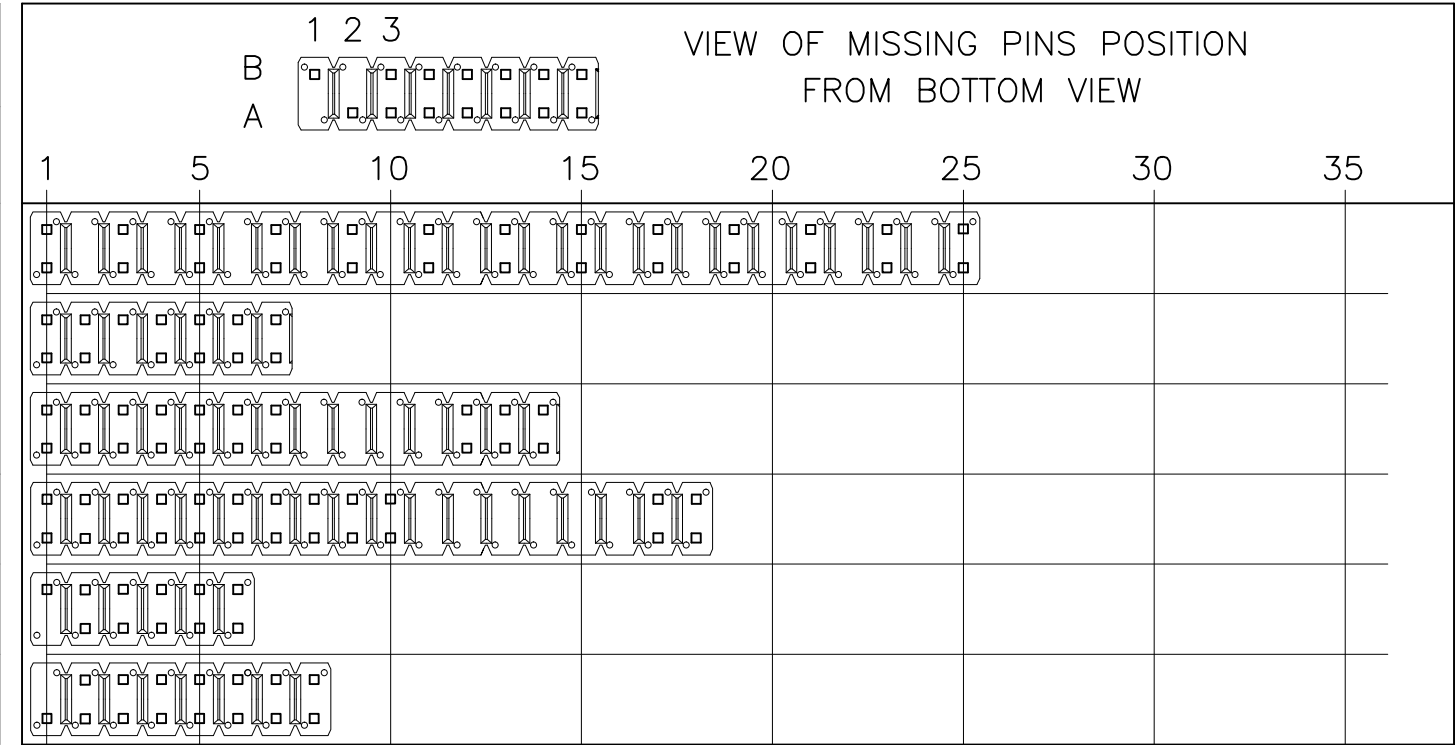
form: A3

PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
85	2X20	5.72	2.54	10.8
86	2X11	5.72	2.54	10.8
87	2X18	5.72	3.05	11.3
88	2X07	5.72	3.05	11.3
89	2X08	5.72	3.05	11.3
90	2X17	6.6	2.66	11.82
91	2X20	6.75	2.90	12.2
92	2X08	5.72	3.05	11.3
93	2X10	5.72	2.54	10.8
94	2X08	5.84	3.05	11.5
95	2X06	5.70	2.93	11.17
96	2X08	8.06	3.00	13.60
97	2X09	5.84	3.05	11.50
98	2X09	5.84	3.05	11.50
99	2X05	15.36	3.05	20.95
AA	2X05	5.90	2.36	10.80
AB	2X03	9.20	3.05	14.80
AC	2X03	9.20	3.05	14.80

VIEW OF MISSING PINS POSITION FROM BOTTOM VIEW																	
1 2 3																	
B																	
A																	
1	5	10	15	20	25	30	35										

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK	
ltr		ecn no		dr		date		title	
R		F20197		LMU		02.04.16		HEADER,STR,DR	
S		F03-0298		LMU		03.10.28		POL DUPLEX 2.54mm	
T		F04-0137		LMU		04.02.12		scale N/A	
U		F06-0117		LMU		06.01.30		dr O. MATHEVON 96.08.28	
V		F06-0196		LMU		06.06.20		enr J COMPAGNON 96.08.28	
W		F09-0218		LMU		09.11.16		chr J COMPAGNON 96.08.28	
								appd JMC 96.08.28	
sheet index		revision sheet						type CUSTOMER Drawing	

PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
AD	2X25	7.75	3.05	13.35
AE	2X07	5.72	3.05	11.30
AF	2X14	5.84	2.41	10.80
AG	2X18	5.72	3.05	11.30
AH	2X06	6.75	2.90	12.20
AJ	2X08	5.84	3.42	11.80

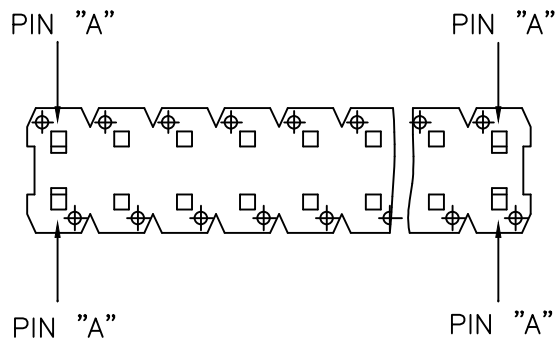
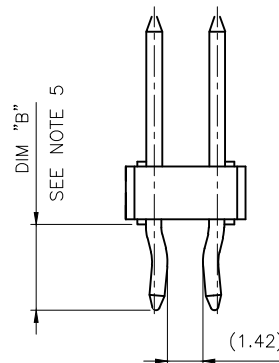
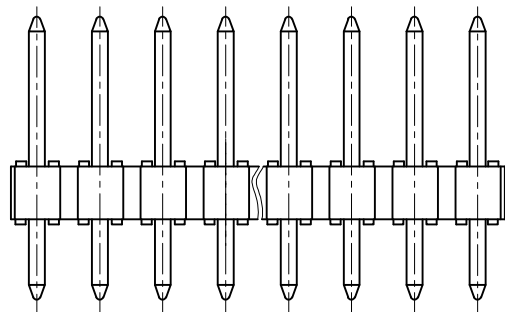


mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK									
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title HEADER,STR,DR POL DUPLEX 2.54mm									
H	F12-0010	APA	12.02.01	angles	linear														
J	B-16702	JCO	14.01.08																
									scale N/A										
D	F10-707	LMU	06.06.20	dr	J COMPAGNON	95.08.26				dwg no				sheet 9 of				size	
E	F10-042	LMU	10.09.08	engr	JMC	95.08.26				77314				A3					
F	F10-0252	JCO	10.11.30	chr															
G	F11-0050	LMU	11.05.11	appd	JMC	95.08.26													
sheet index		revision sheet																	






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NOTES:

- 1 - PART NUMBER 77314-YXX
- 2 - PINS "A" AND "B" USED FOR RETENTION.
- 3 - DIRECTION OF RETENTION SHOWN BY ARROWS.
- 4 - KINKED LEGS LOCATION CAN BE MOVED IF A PIN IS MISSING.
- 5 - RETENTION VERSION ONLY AVAILABLE WHEN DIM "B" IS BETWEEN 3 AND 3.5mm.
- 6 - 2 AND 3 POSN KINKED HEADER ARE NOT AVAILABLE.
- "R" INDICATES A RETENTION HEADER.
"T" INDICATES HEADERS PACKED IN TUBES

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK												
ltr		ecn no		dr	date		tolerances unless otherwise specified			title												
A		F10-0042		LMU	10.09.08		angles		linear				HEADER,STR,DR									
											scale N/A		POL DUPLEX 2.54mm									
							dr		L.MULIN		10.04.30		dwg no		sheet 10 of				size			
							enrg		JMC		10.04.30				77314				A3			
							chr															
							appd		JMC		10.04.30				type CUSTOMER				Drawing			
sheet index		revision		sheet																		