

PRODUCT NUMBER

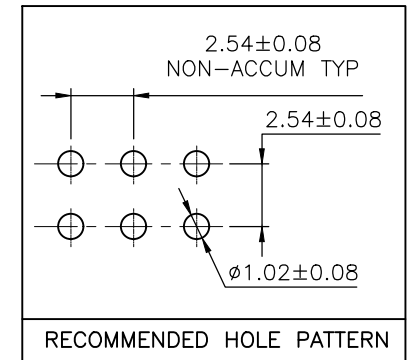
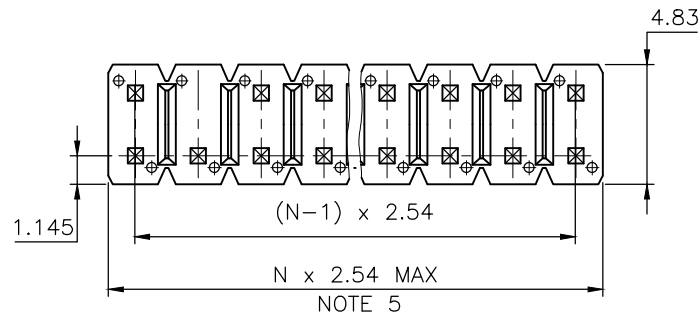
77314-YXXXLF

RoHS COMPATIBLE
SEE NOTE 8

OPTION LETTER
SEE NOTE 7 & SHEET 9

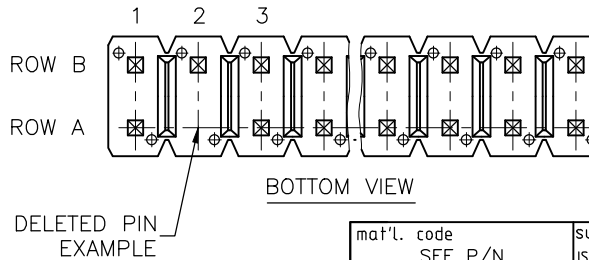
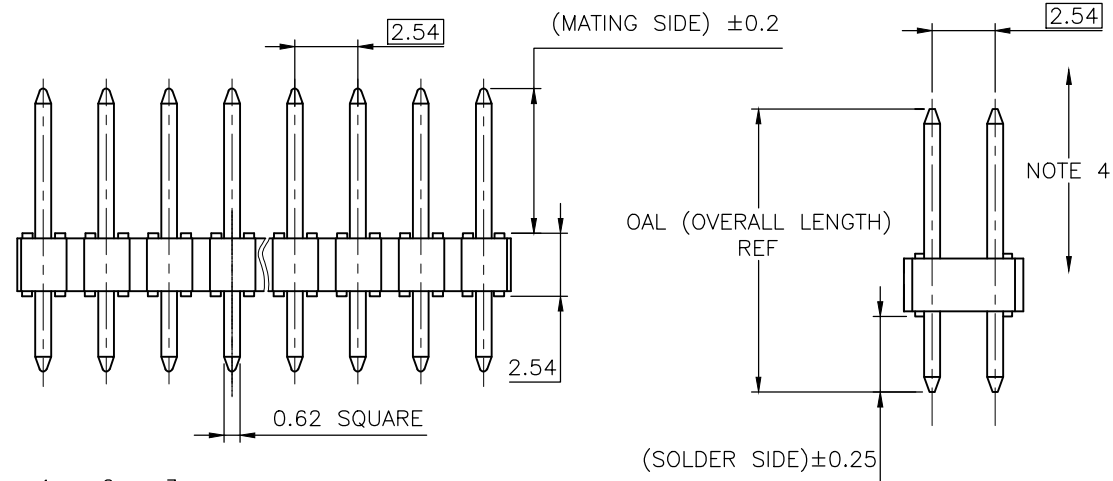
PIN STYLE SEE SHEET 2 TO 8

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
 - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2μm MINIMUM MATTE TIN OVER 1.27μm MINIMUM NICKEL UNDERPLATE.
 - 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.
 - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - LEGAL STATEMENT: SEE GS-47-0004



mat'l. code SEE P/N	surface ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family BSTIK
ltr ecn no dr date	tolerances unless otherwise specified	angles linear	scale 5:1	title HEADER STR,DR POL DUPLEX 2.54mm.
BR F11-0050 LMU 11.05.11	.X ±0.3			dwg no 77314
BS F12-0010 APA 12.02.01	.XX ±0.15			sheet 1 of 10 size A3
BT B-16702 JCO 14.01.08	.XXX ±0.05			type CUSTOMER Drawing
BU B-18917 LMU 14.09.26	dr G LEOTY 91.11.13			
BV B-20023 AMA 15.01.20	enrg J COMPAGNON 95.12.05			
BP F10-0252 JCO 10.11.30	chr J COMPAGNON			
	appd JMC 95.12.05			
sheet index	revision	BV AK AF AF AF AH AJ W K A		
	sheet	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									
1 2 3									
B									
A									
1	5	10	15	20	25	30	35		

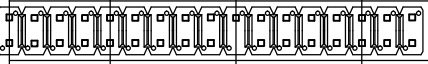
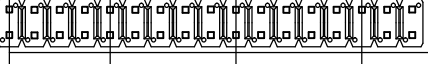


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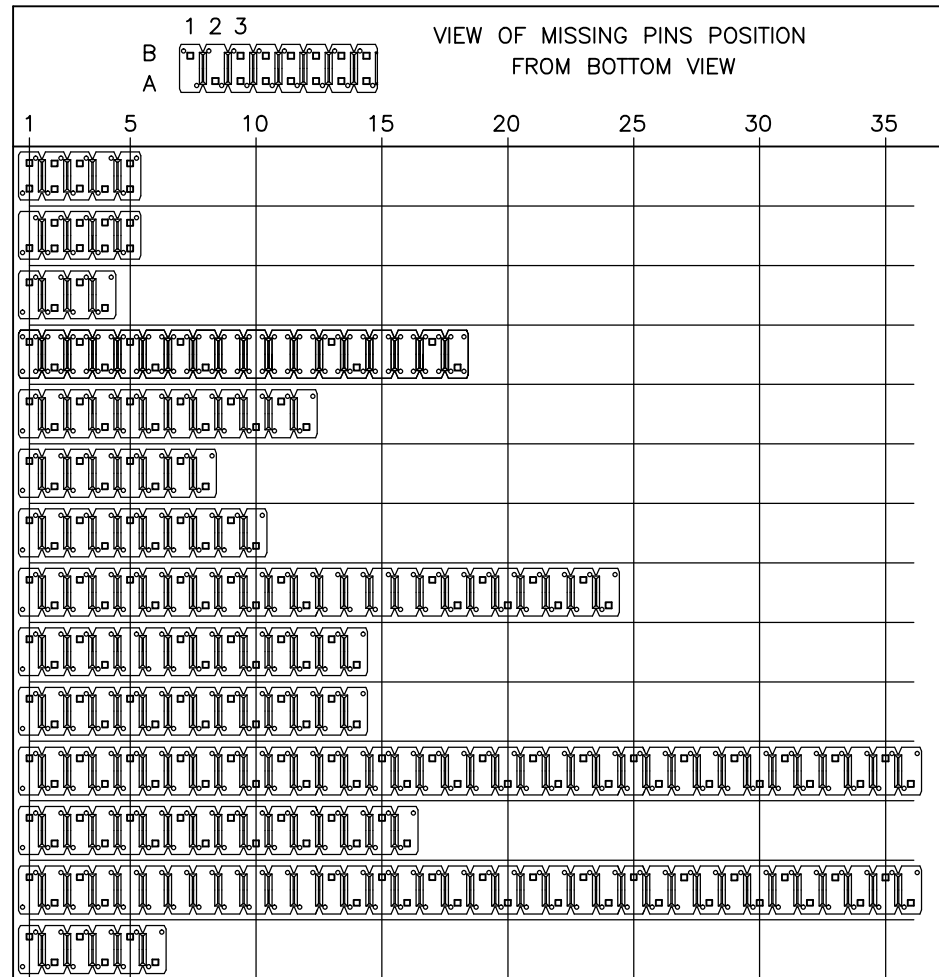
form: A3

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							
1 2 3 B  A 							
1	5	10	15	20	25	30	35
							
							
							
							
							
							
							
							
							

mat'l. code				surface		tolerance		projection		product family			
				ISO 1302		ISO 406 ISO 1101				BERGSTIK			
ltr ecn 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								scale 1:1		dwg no			
AE F20197 LMU 02.04.16				dr		G LEOTY		91.11.13		sheet 3 of -		size	
AF F06-0196 LMU 06.06.20				engr		PHAMVAN JM		95.02.27		77314		A3	
				chr		COMPAGNON J		95.02.27					
				appd		JMP		95.02.27		type		CUSTOMER Drawing	
sheet index		revision sheet											

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 ☒ ISO 406 ISO 1101		tolerance tolerances unless otherwise specified		projection 		product family BSTIK	
ltr		ecn no		dr		date		title HEADER,STR,DR POL DUPLEX 2.54mm	
AB		F40235		JMC		94.02.25		sheet 4 of - size	
AC		F30323		JMC		95.02.27		77314 A3	
AD		F10707		LMU		01.12.03		type CUSTOMER Drawing	
AE		F20197		LMU		02.04.16			
AF		F06-0196		LMU		06.06.20			
				dr		G LEOTY		91.11.13	
				enr		PHAMVAN JM		95.02.27	
				chr		COMPAGNON J		95.02.27	
				appd		JMP		95.02.27	
sheet index		revision sheet							

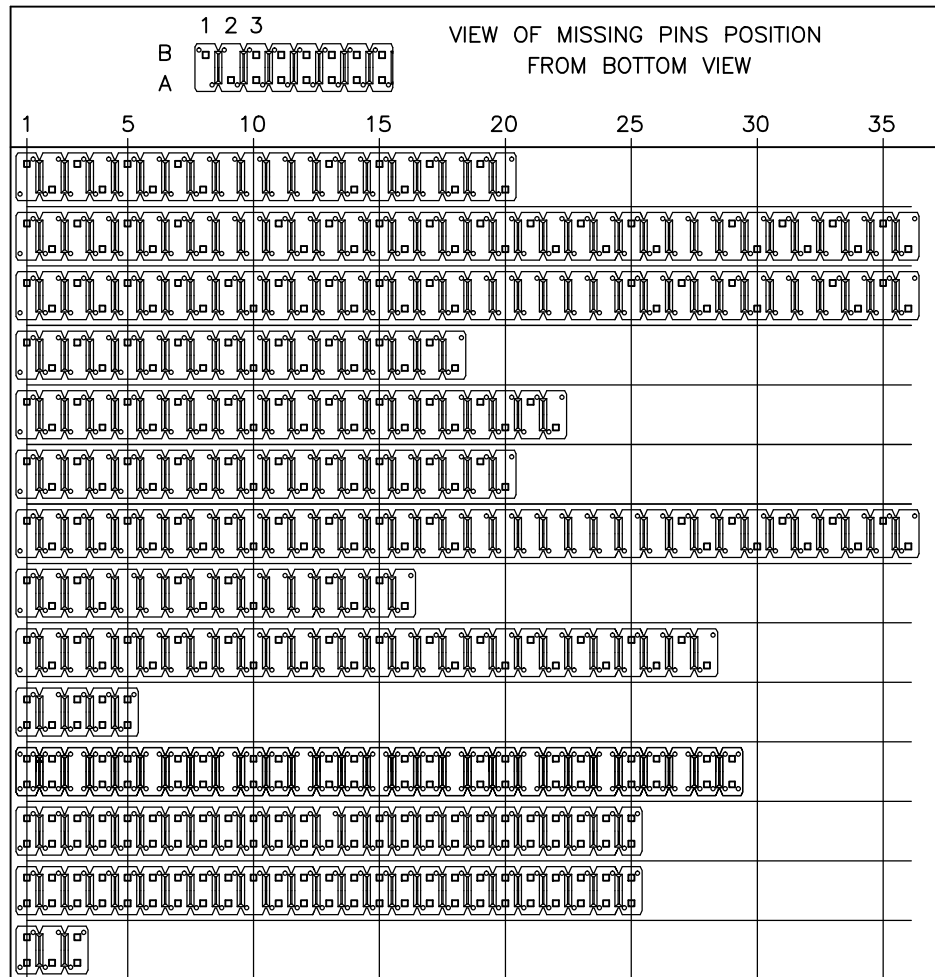


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PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
41	2X20	12.7	5.72	20.96
42	2X36	12.7	5.72	20.96
43	2X36	12.7	5.72	20.96
44	2X18	12.7	5.72	20.96
45	2X22	12.7	5.72	20.96
46	2X20	12.7	5.72	20.96
47	2X36	12.7	5.72	20.96
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 ✓	tolerance ISO 406 ISO 1101	projection 	product family BSTIK
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			scale 1:1	POL DUPLEX 2.54mm
AD	F10707	LMU	01.12.03				dwg no
AE	F20197	LMU	02.04.16	dr	G LEOTY	91.11.13	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
				ISO 1302	ISO 406 ISO 1101		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	F70430	JMC	97.06.02				scale 1:1
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	revision						
index	sheet						

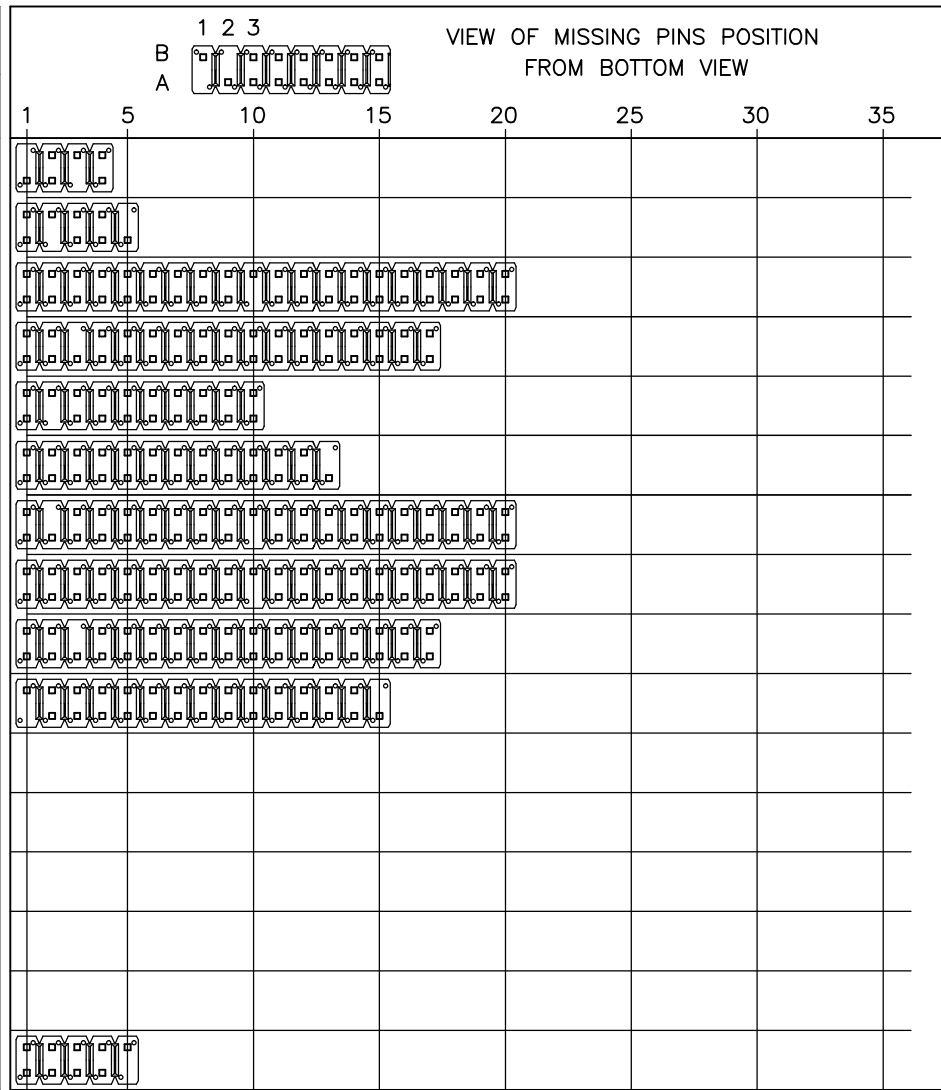


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form: A3

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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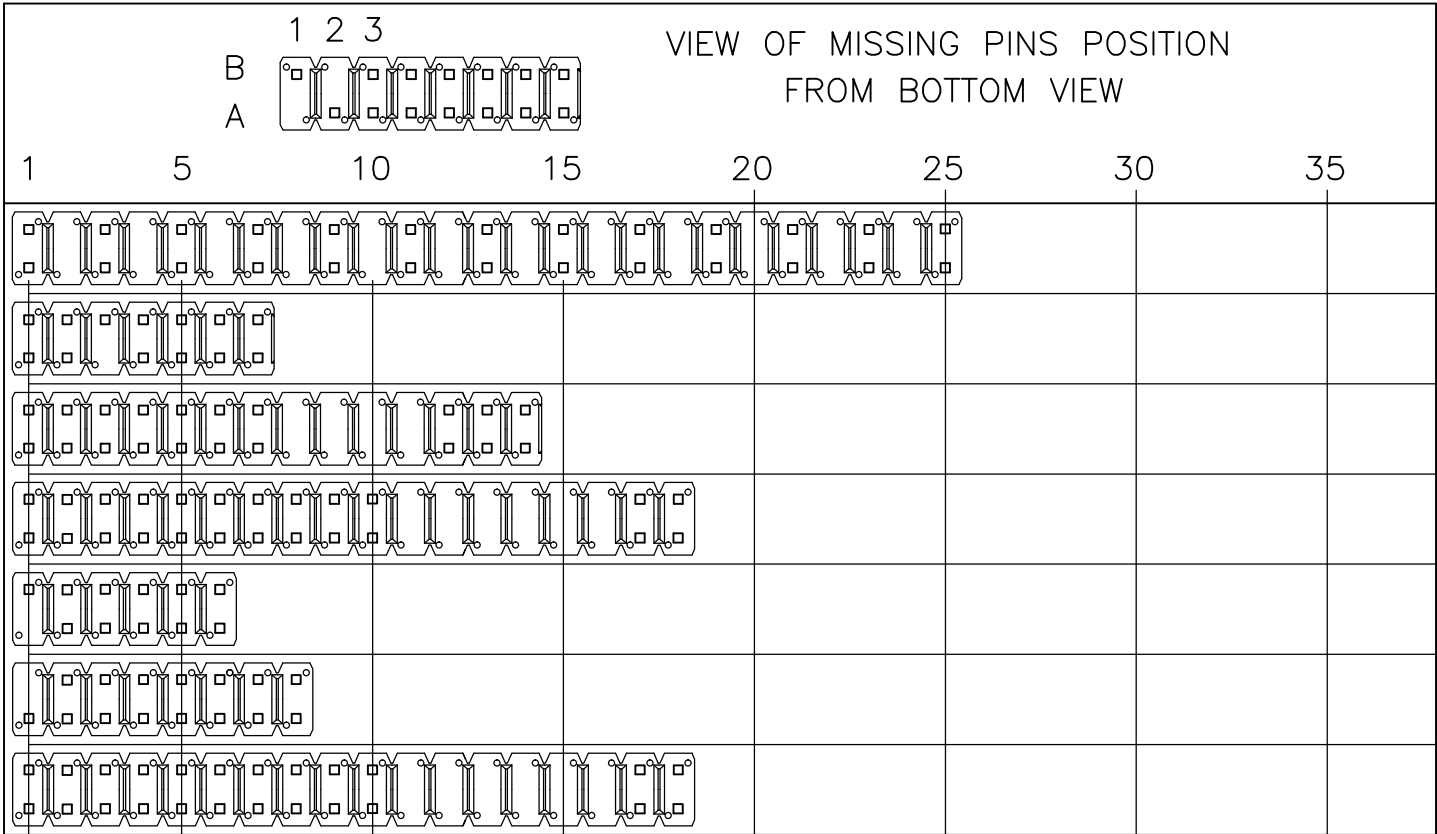
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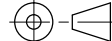
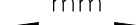
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
85	2X20	5.72	2.54	10.8
86	2X11	5.72	2.54	10.8
87	2X18	5.72	3.05	11.3
88	2X07	5.72	3.05	11.3
89	2X08	5.72	3.05	11.3
90	2X17	6.6	2.66	11.82
91	2X20	6.75	2.90	12.2
92	2X08	5.72	3.05	11.3
93	2X10	5.72	2.54	10.8
94	2X08	5.84	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

		1 2 3		VIEW OF MISSING PINS POSITION FROM BOTTOM VIEW											
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	tolerances unless otherwise specified			title HEADER,STR,DR POL DUPLEX 2.54mm			
R	F20197	LMU	02.04.16	angles	linear					
S	F03-0298	LMU	03.10.28			scale N/A	dwg no 77314			
T	F04-0137	LMU	04.02.12							
U	F06-0117	LMU	06.01.30	dr	O. MATHEVON	96.08.28	sheet 8 of 6			
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	size A3			
				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
AK	2X18	7.00	3.05	12.59

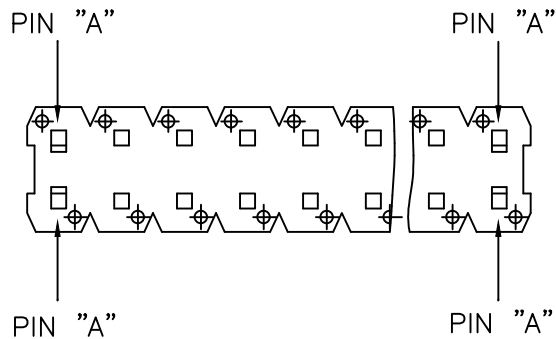
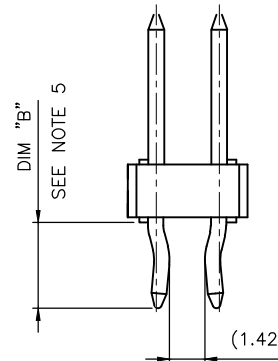
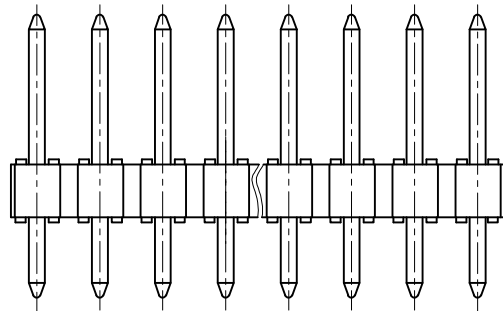


mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK									
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title HEADER,STR,DR POL DUPLEX 2.54mm									
H	F12-0010	APA	12.02.01	angles	linear			mm											
J	B-16702	JCO	14.01.08																
K	B-20023	AMA	15.01.20					scale N/A		dwg no 77314 sheet 9 of A3									
				dr	J COMPAGNON	95.08.26													
E	F10-042	LMU	10.09.08	engr	JMC	95.08.26													
F	F10-0252	JCO	10.11.30	chr															
G	F11-0050	LMU	11.05.11	appd	JMC	95.08.26													
sheet index		revision sheet								type CUSTOMER Drawing									



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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	
							enrg		JMC	10.04.30		sheet 10 of	
							chr					77314	
							appd		JMC	10.04.30		A3	
												type	
												CUSTOMER	
												Drawing	
sheet index		revision sheet											