

PRODUCT NUMBER

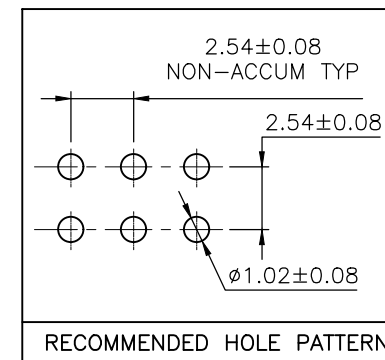
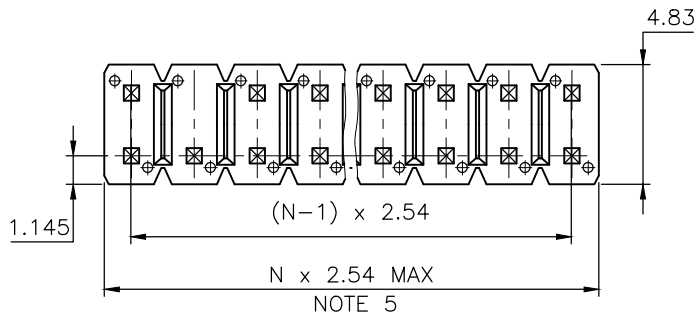
77314-YXXXLF

RoHS COMPATIBLE
SEE NOTE 8

OPTION LETTER
SEE NOTE 7 & SHEET 9

PIN STYLE SEE SHEET 2 TO 8

PLATING SEE SHEET 2



NOTES:

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. RETENTION OPTION "R", OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT APPLICABLE
8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

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

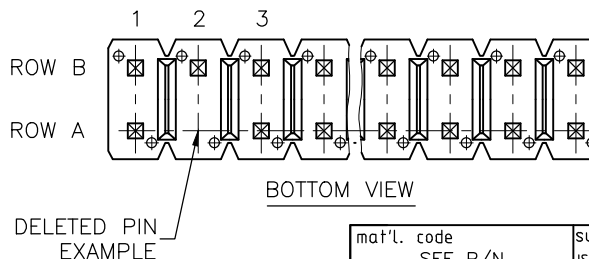
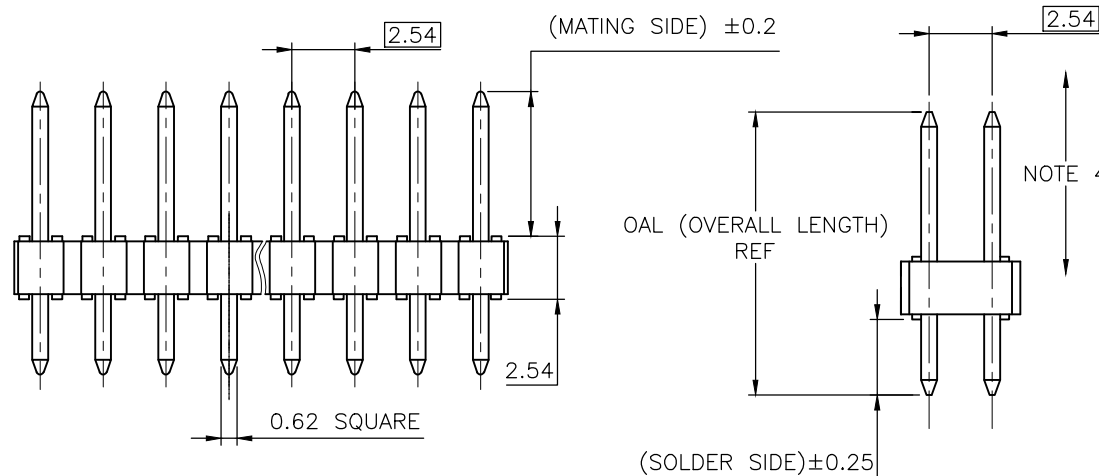
b - MANUFACTURING PROCESS COMPATIBILITY

- 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 SEE P/N	surface ISO 1302	tolerance ISO 406 ISO 1101	projection mm	product family BSTIK
ltr BR F11-0050 LMU 11.05.11	tolerances unless otherwise specified	linear .X ±0.3	mm	title HEADER STR,DR
BS F12-0010 APA 12.02.01	angles	.XX ±0.15	scale 5:1	POL DUPLEX 2.54mm.
BT B-16702 JCO 14.01.08	dr	.XXX ±0.05	FCI	dwg no 77314
BU B-18917 LMU 14.09.26	enr	G LEOTY 91.11.13		sheet 1 of 10 size A3
BV B-20023 AMA 15.01.20	chr	J COMPAGNON 95.12.05		type CUSTOMER
BP F10-0252 JCO 10.11.30	appd	JMC 95.12.05		Drawing
sheet index	revision sheet	BV AK AF AF AF AF AH AJ W K A		
		1 2 3 4 5 6 7 8 9 10		

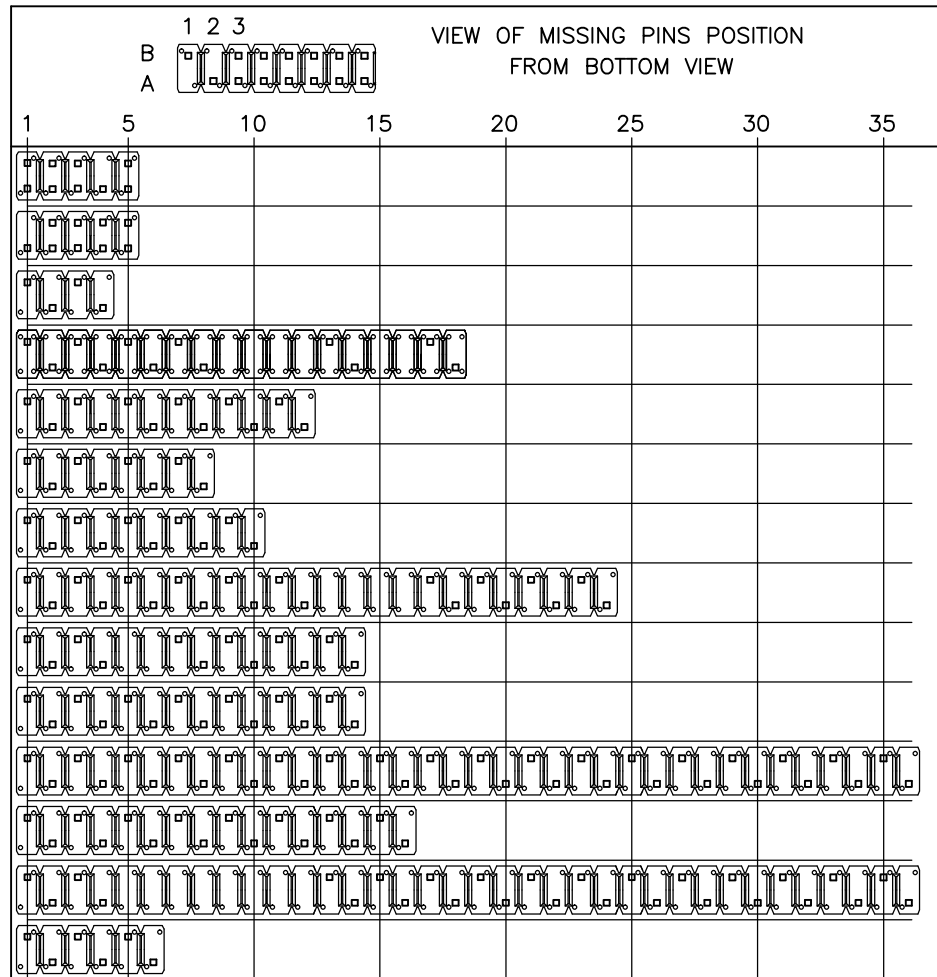
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
01	2X08	5.72	2.54	10.8
02	2X10	5.84	3.05	11.5
04	2X05	5.72	3.05	11.3
05	2X08	5.84	3.42	11.8
06	2X30	5.72	2.54	10.8
07	2X16	5.72	2.54	10.8
08	2X12	5.72	2.54	10.8
09	2X18	5.72	2.54	10.8
10	2X09	5.72	2.54	10.8
11	2X04	5.72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

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

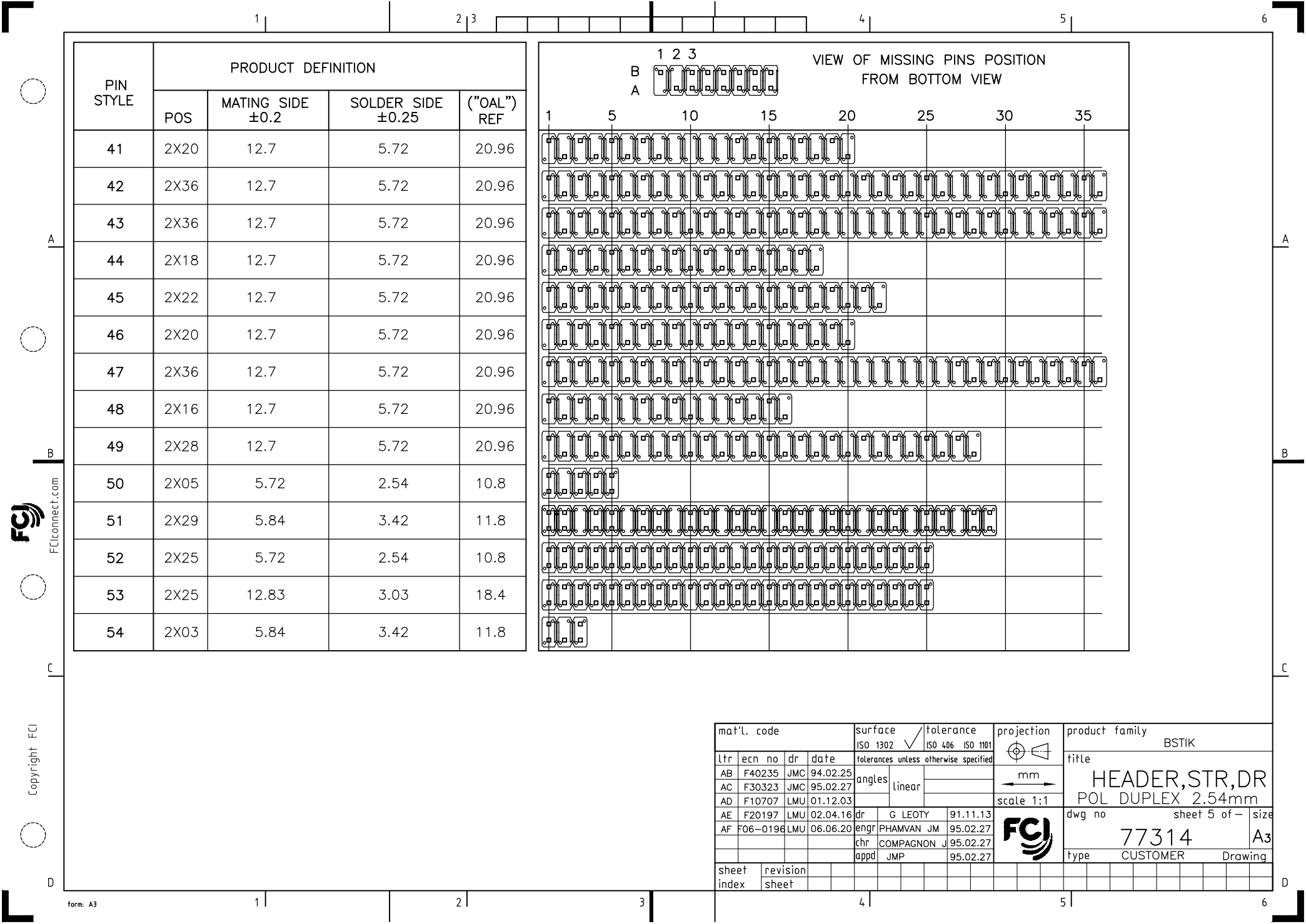
77314-8XXLF	0.38μm Au/GXT	2.0-7.5 Sn MATTE
77314-5XXLF	0.25μm Au/GXT	2.0-7.5 Sn MATTE
77314-4XXLF	2.0-7.5 Sn MATTE	
77314-2XXLF	1.27μm Au	2.0-7.5 Sn MATTE
77314-1XXLF	0.76μm Au/GXT	2.0-7.5 Sn MATTE
77314-1XXSLF	0.76μm Au/GXT	GOLD FLASH
PLATING CODE	CONTACT AREA	REMAINDER
	PLATING THICKNESS OVER 1.27μm Ni	

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

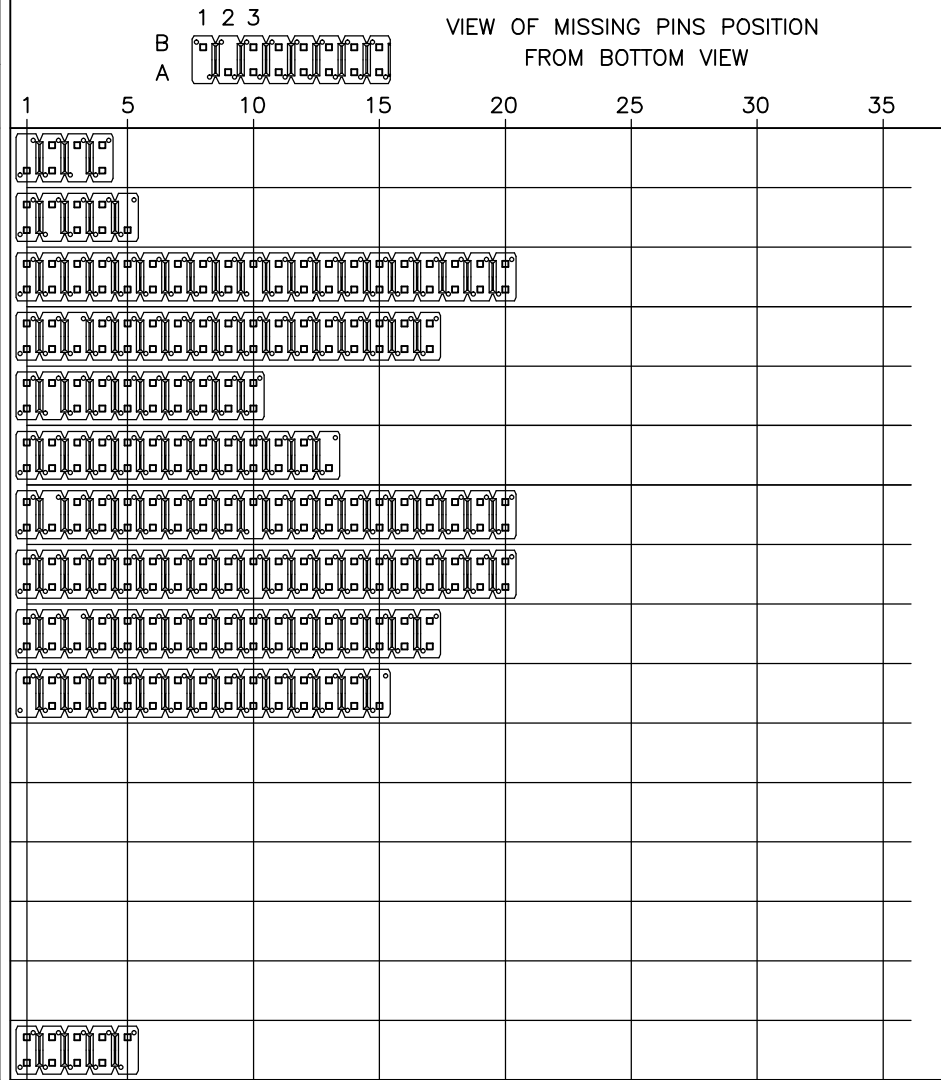


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PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
69	2X04	5.72	2.54	10.8
70	2X05	5.72	2.54	10.8
71	2X20	5.72	3.05	11.3
72	2X17	5.72	3.05	11.3
73	2X10	5.72	3.05	11.3
74	2X13	5.72	3.05	11.3
75	2X20	5.72	3.05	11.3
76	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 POL DUPLEX 2.54mm
AD	F50246	JMC	95.04.03			scale 1:1	dwg no
AE	F50625	JMC	95.08.26	dr	G LEOTY	91.11.13	sheet 7 of - size
AF	F50916	JMC	95.12.05	engr	COMPAGNON J	95.12.05	77314 A3
AG	F10707	LMU	01.12.03	chr			type
AH	F20197	LMU	02.04.16	appd	JMC	95.12.05	CUSTOMER Drawing
sheet	revision						
index	sheet						



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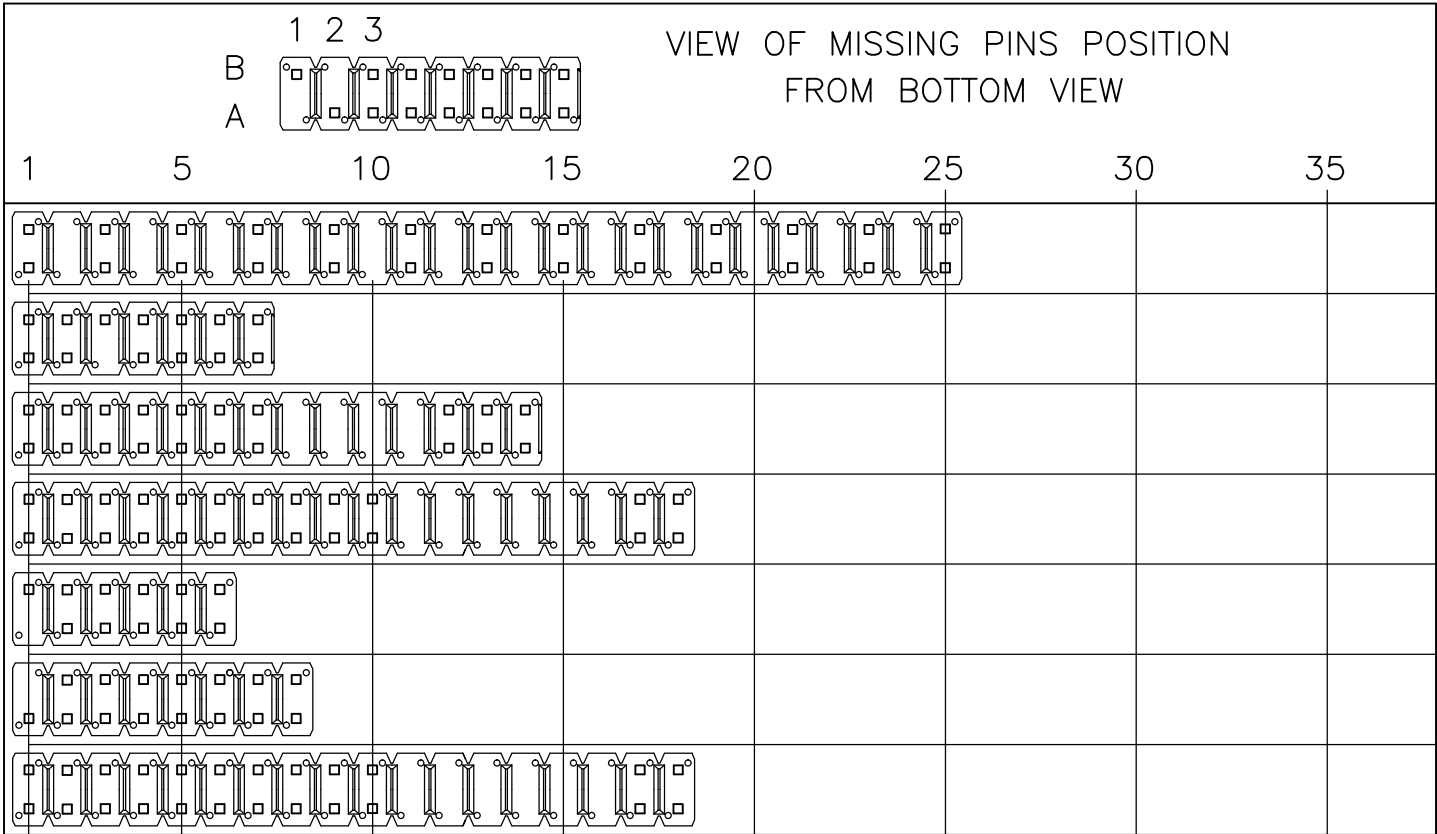
form: A3

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	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

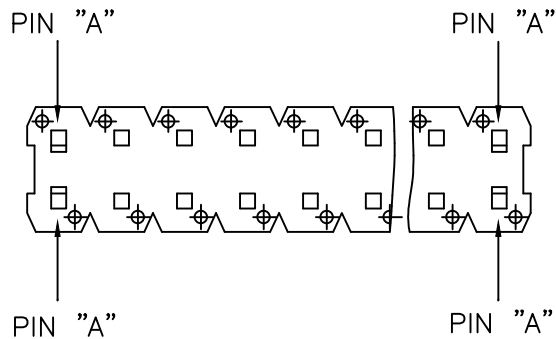
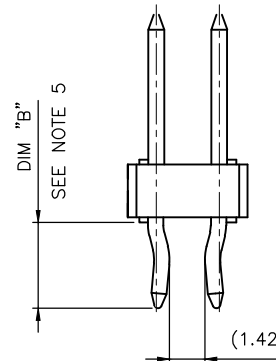
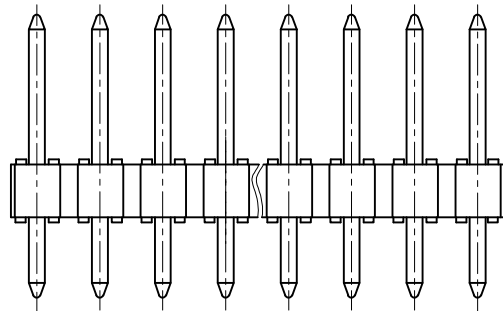


mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title HEADER,STR,DR POL DUPLEX 2.54mm			
H	F12-0010	APA	12.02.01	angles	linear					
J	B-16702	JCO	14.01.08							
K	B-20023	AMA	15.01.20			scale N/A				
				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			dwg no 77314			
G	F11-0050	LMU	11.05.11	appd	JMC	95.08.26				
sheet	revision						type CUSTOMER			
index	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	
							enrg		JMC	10.04.30		sheet 10 of	
							chr					77314	
							appd		JMC	10.04.30		A3	
												type	
												CUSTOMER	
												Drawing	
sheet index		revision sheet											

Mouser Electronics

Authorized Distributor

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