

PRODUCT NUMBER

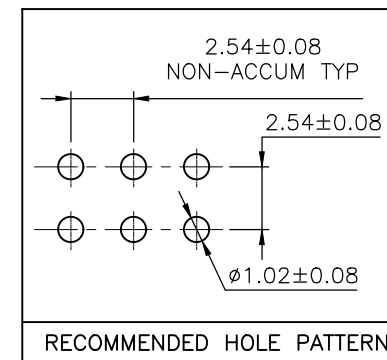
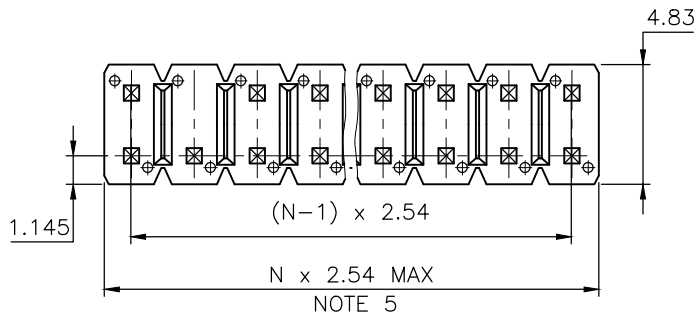
77314-YXXXLF

RoHS COMPATIBLE
SEE NOTE 8

OPTION LETTER
SEE NOTE 7 & SHEET 9

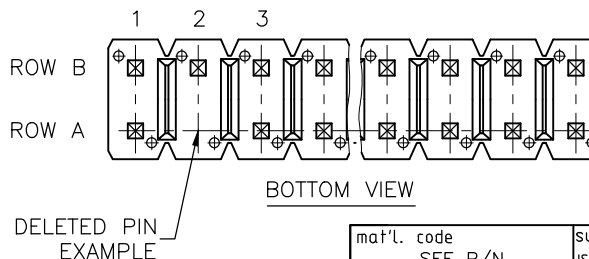
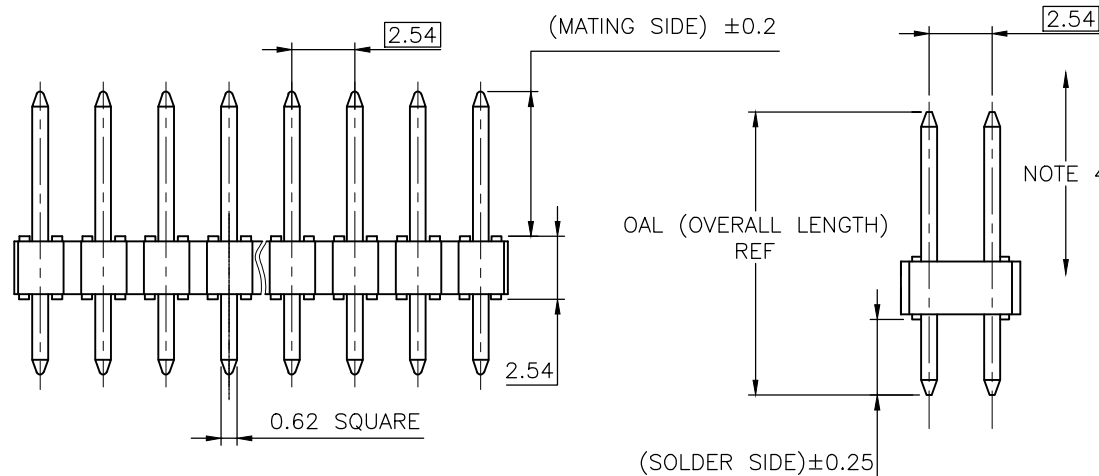
PIN STYLE SEE SHEET 2 TO 8

PLATING SEE SHEET 2



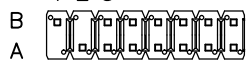
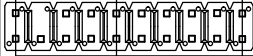
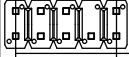
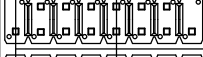
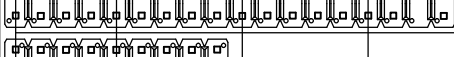
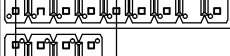
NOTES:

- 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 BR F11-0050 LMU	date 11.05.11	tolerances unless otherwise specified	mm	title HEADER STR,DR
BS F12-0010 APA	12.02.01	linear .X ±0.3 .XX ±0.15 .XXX ±0.05	scale 5:1	POL DUPLEX 2.54mm.
BT B-16702 JCO	14.01.08	dr G LEOTY	91.11.13	dwg no
BU B-18917 LMU	14.09.26	enr J COMPAGNON	95.12.05	sheet 1 of 10
BV B-20023 AMA	15.01.20	chr J COMPAGNON	95.12.05	size A3
BP F10-0252 JCO	10.11.30	appd JMC	95.12.05	type CUSTOMER 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			

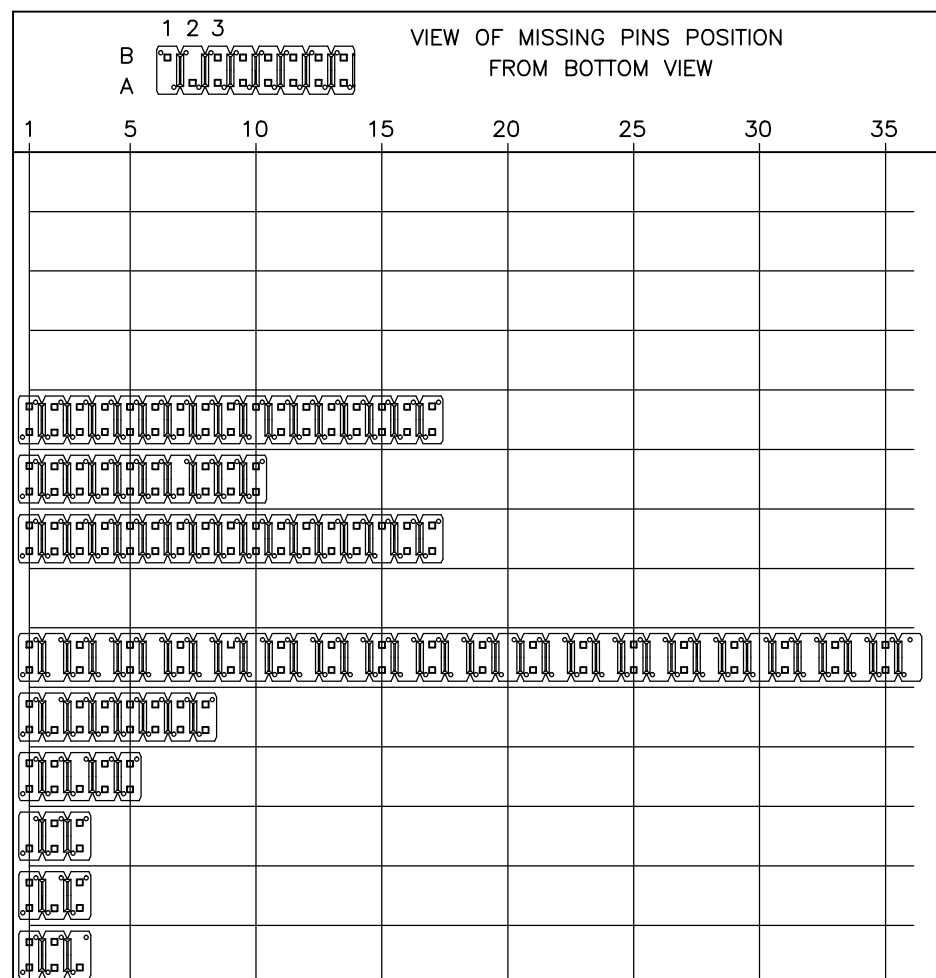
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
01	2X08	5.72	2.54	10.8
02	2X10	5.84	3.05	11.5
04	2X05	5.72	3.05	11.3
05	2X08	5.84	3.42	11.8
06	2X30	5.72	2.54	10.8
07	2X16	5.72	2.54	10.8
08	2X12	5.72	2.54	10.8
09	2X18	5.72	2.54	10.8
10	2X09	5.72	2.54	10.8
11	2X04	5.72	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 ☒		tolerance ISO 406 ISO 1101			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	dwg no 77314 type CUSTOMER sheet 2 of - size A3 Drawing			
AE	F10707	LMU	01.12.03	dr	G LEOTY	91.11.13						
AF	F20197	LMU	02.04.16	enr	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											

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



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form: A3

1

2

3

4

1

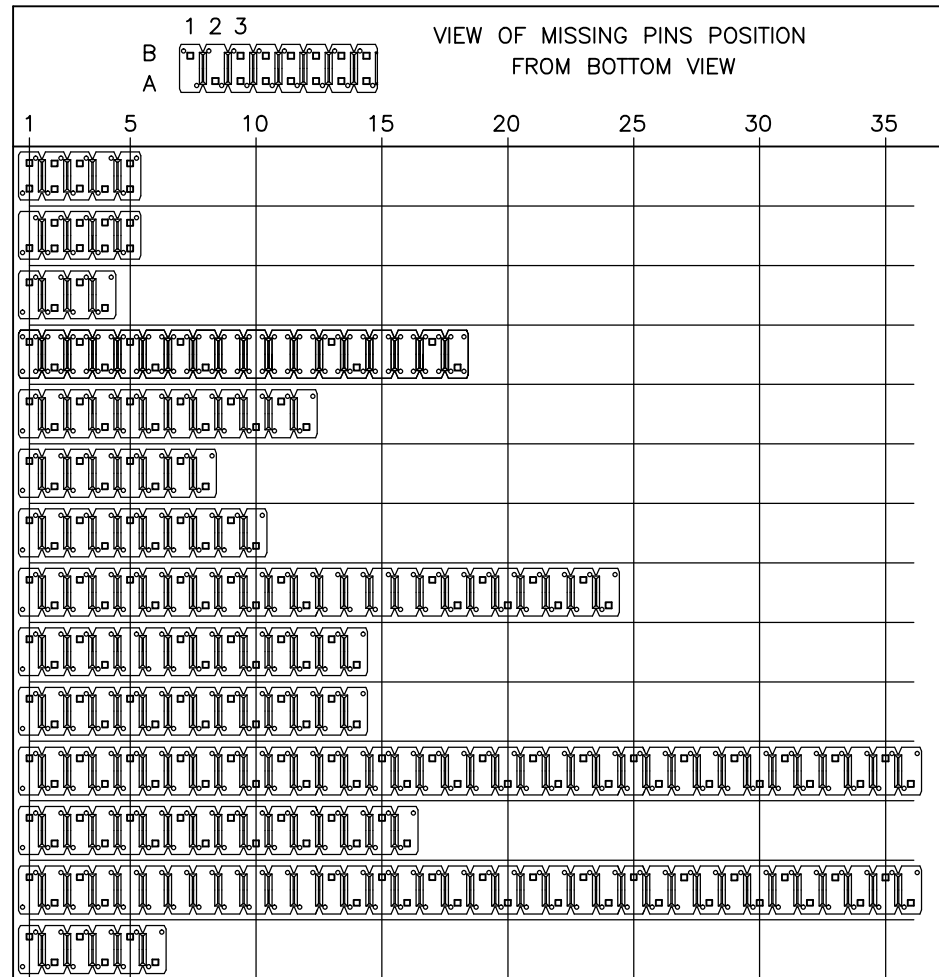
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ltr	ecn no	dr	date	tolerances unless otherwise specified						title HEADER,STR,DR POL DUPLEX 2.54mm			
AB	F40235	JMC	94.02.25	angles	linear			scale 1:1		dwg no 77314 type CUSTOMER			
AC	F30323	JMC	95.02.27										
AD	F10707	LMU	01.12.03										
AE	F20197	LMU	02.04.16	dr	G LEOTY	91.11.13				sheet 3 of – 77314 A.			
AF	F06-0196	LMU	06.06.20	engr	PHAMVAN JM	95.02.27							
				chrg	COMPAGNON J	95.02.27							
				appd	JMP	95.02.27				Drawing			
sheet index	revision sheet												

PDS: Rev :BV

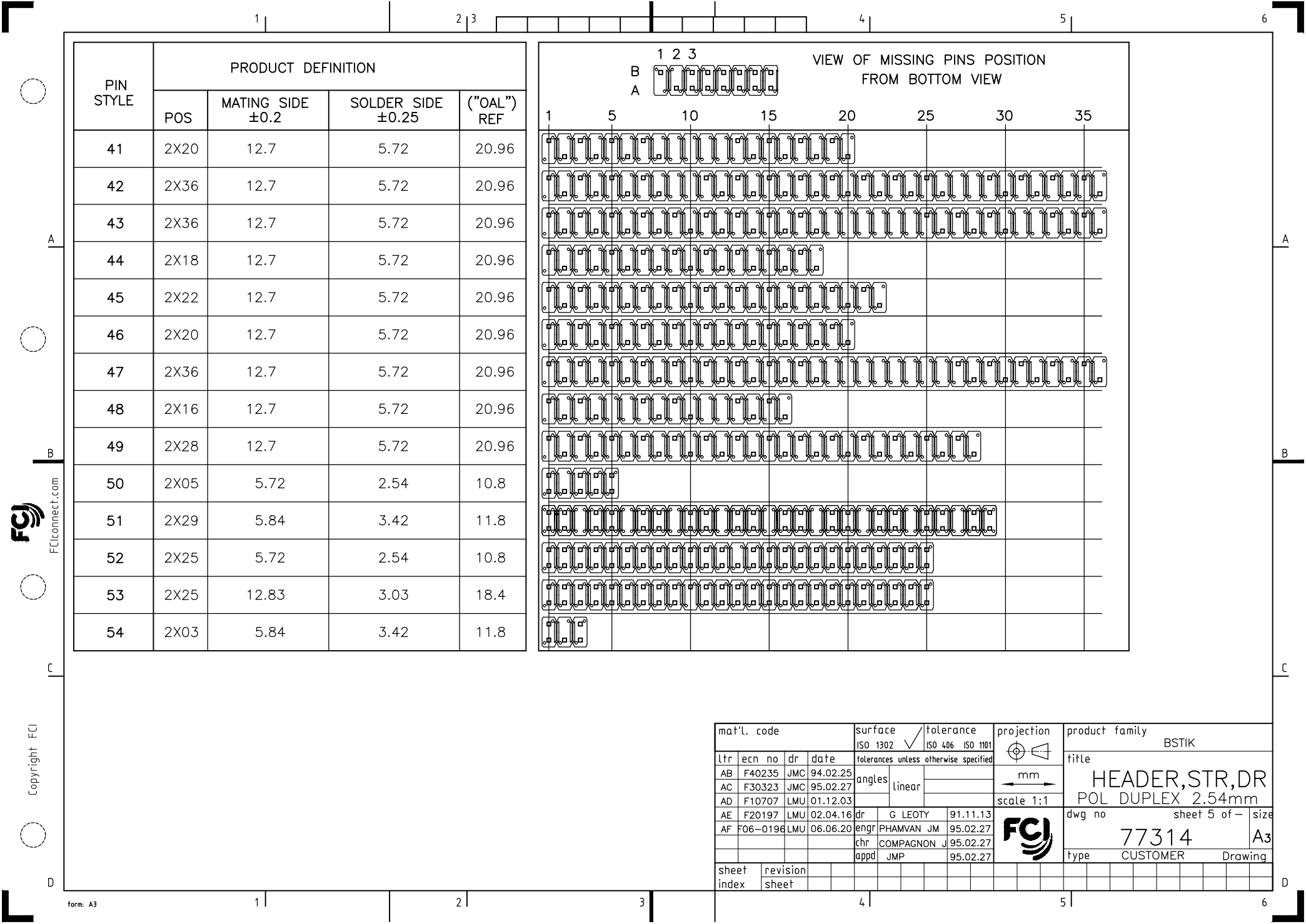
STATUS:Released

Printed: Jan 21, 2015

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							



mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified				 mm		title HEADER,STR,DR POL DUPLEX 2.54mm			
AB	F40235	JMC	94.02.25	angles	linear								
AC	F30323	JMC	95.02.27										
AD	F10707	LMU	01.12.03					scale 1:1					
AE	F20197	LMU	02.04.16	dr	G LEOTY	91.11.13				dwg no		sheet 5 of -	size
AF	F06-0196	LMU	06.06.20	enrg	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
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	revision						
index	sheet						

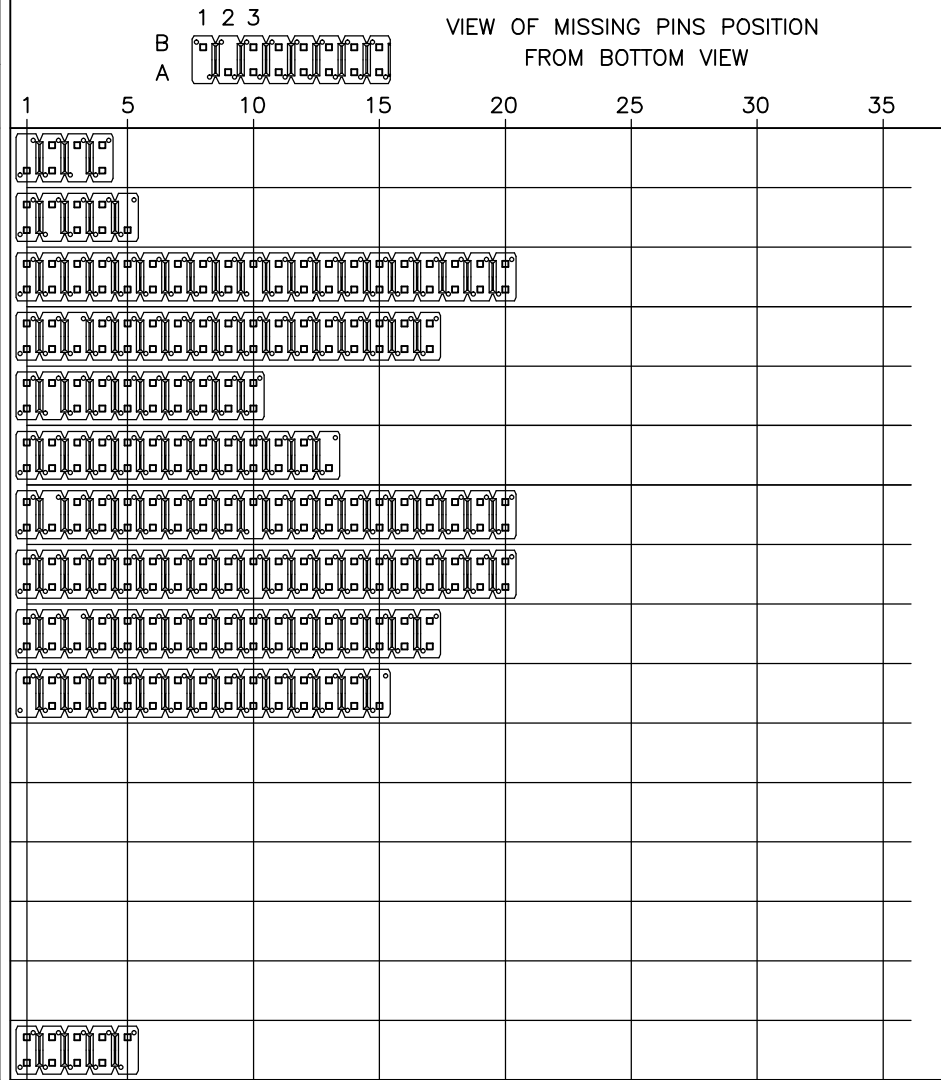


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PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
69	2X04	5.72	2.54	10.8
70	2X05	5.72	2.54	10.8
71	2X20	5.72	3.05	11.3
72	2X17	5.72	3.05	11.3
73	2X10	5.72	3.05	11.3
74	2X13	5.72	3.05	11.3
75	2X20	5.72	3.05	11.3
76	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
AD	F50246	JMC	95.04.03			scale 1:1	POL DUPLEX 2.54mm
AE	F50625	JMC	95.08.26	dr	G LEOTY	91.11.13	dwg no
AF	F50916	JMC	95.12.05	engr	COMPAGNON J	95.12.05	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 index	revision sheet						



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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

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

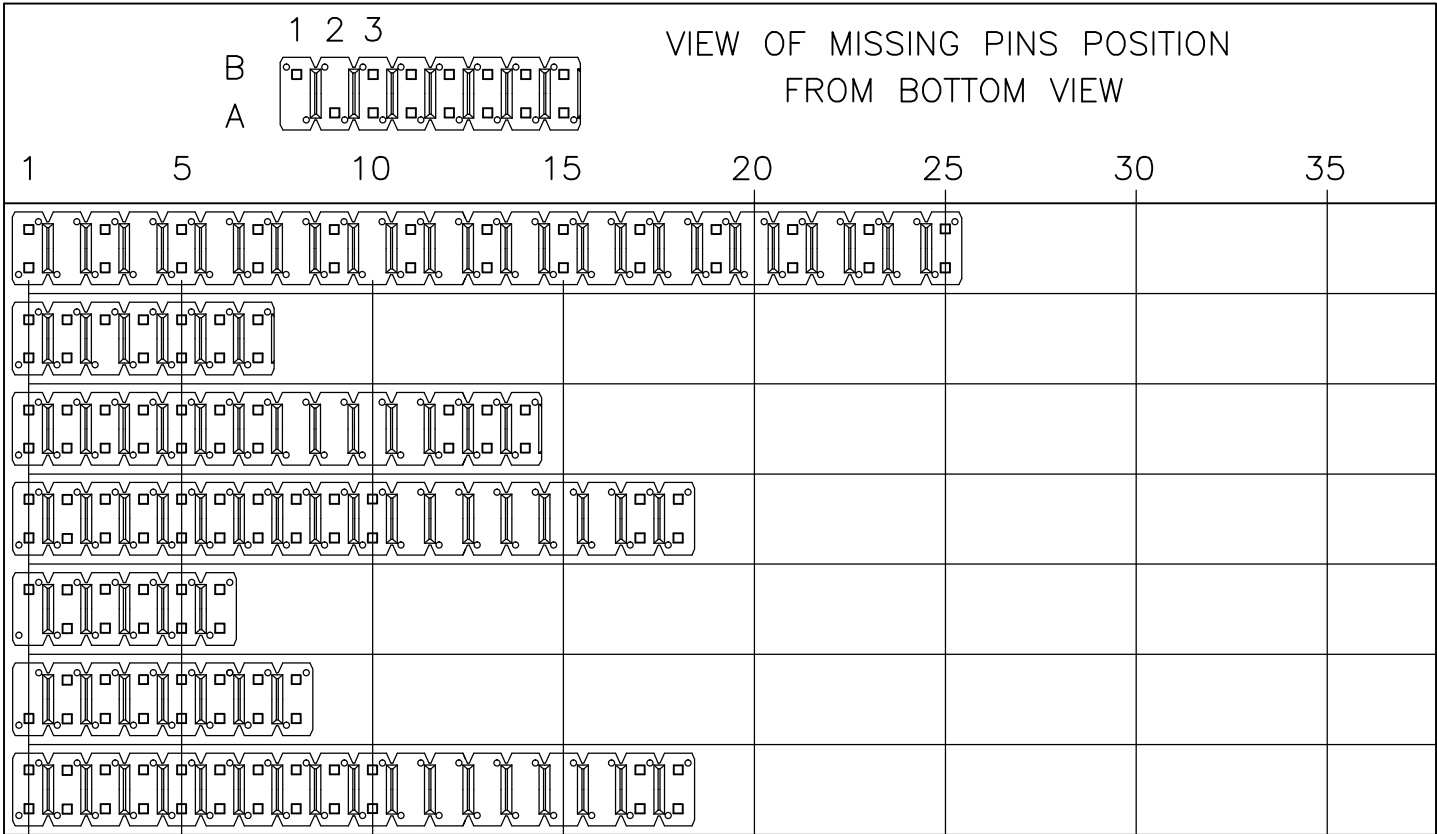
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title HEADER,STR,DR		
R	F20197	LMU	02.04.16	angles	linear		POL DUPLEX 2.54mm		
S	F03-0298	LMU	03.10.28			scale N/A	dwg no		
T	F04-0137	LMU	04.02.12				sheet 8 of		
U	F06-0117	LMU	06.01.30	dr	O. MATHEVON	96.08.28	size		
V	F06-0196	LMU	06.06.20	engr	J COMPAGNON	96.08.28	77314 A3		
W	F09-0218	LMU	09.11.16	chr	J COMPAGNON	96.08.28	type		
				appd	JMC	96.08.28	CUSTOMER Drawing		
sheet index	revision sheet								

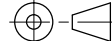


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PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
AD	2X25	7.75	3.05	13.35
AE	2X07	5.72	3.05	11.30
AF	2X14	5.84	2.41	10.80
AG	2X18	5.72	3.05	11.30
AH	2X06	6.75	2.90	12.20
AJ	2X08	5.84	3.42	11.80
AK	2X18	7.00	3.05	12.59

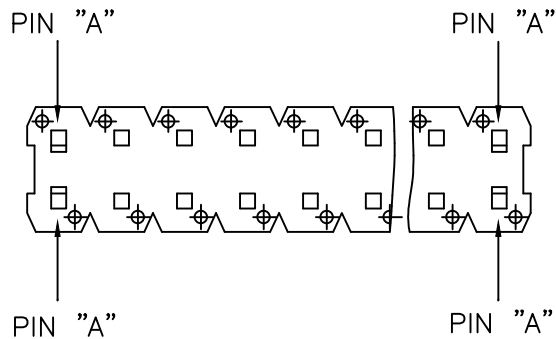
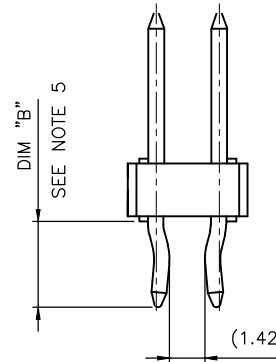
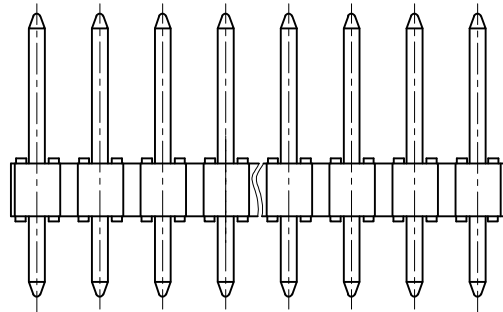


mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK													
ltr	ecn no	dr	date	tolerances unless otherwise specified								title HEADER,STR,DR POL DUPLEX 2.54mm											
H	F12-0010	APA	12.02.01	angles		linear																mm	
J	B-16702	JCO	14.01.08																				
K	B-20023	AMA	15.01.20									scale N/A											
				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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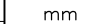
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NOTES:

- 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											