

PRODUCT NUMBER

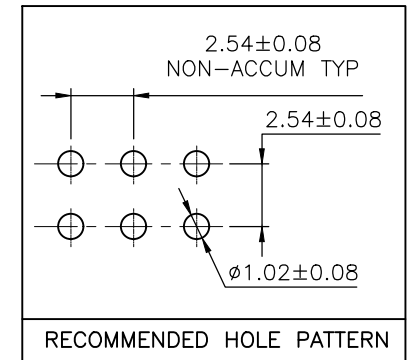
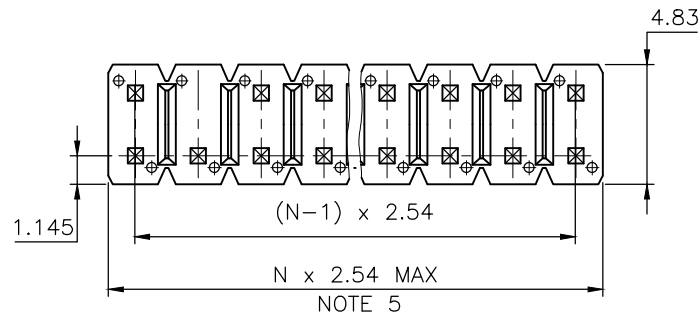
77314-YXXXLF

RoHS COMPATIBLE
SEE NOTE 8

OPTION LETTER
SEE NOTE 7 & SHEET 9

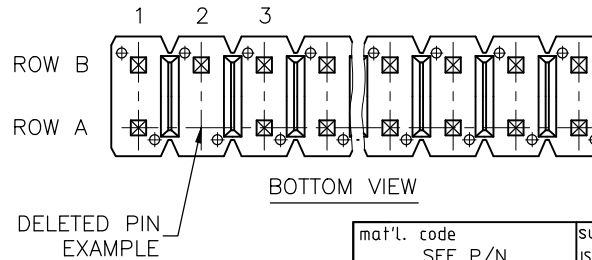
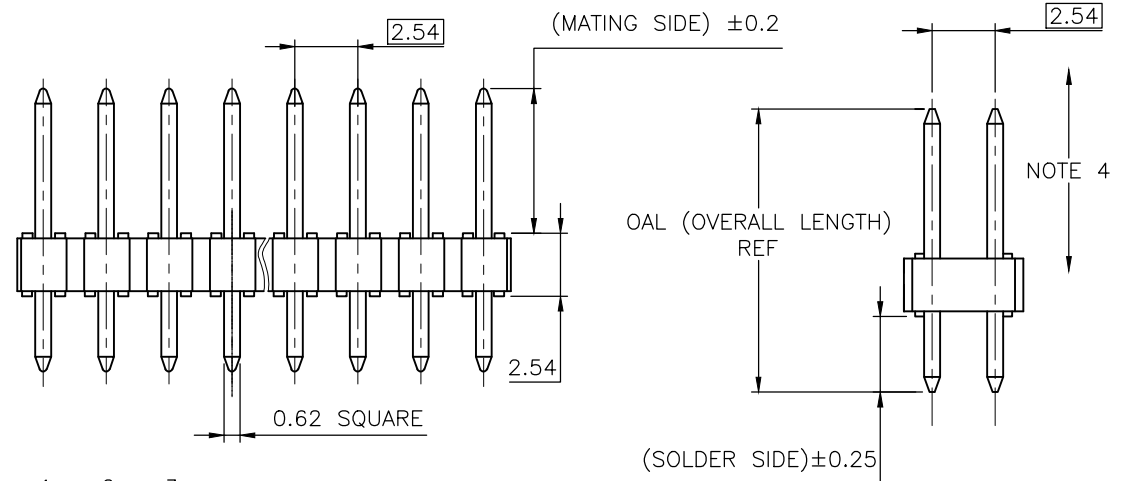
PIN STYLE SEE SHEET 2 TO 8

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	date 12.02.01	linear .X ±0.3 .XX ±0.15 .XXX ±0.05	scale 5:1	POL DUPLEX 2.54mm.
BT B-16702 JCO	date 14.01.08	dr G LEOTY	91.11.13	dwg no 77314
BU B-18917 LMU	date 14.09.26	enrg J COMPAGNON	95.12.05	sheet 1 of 10 size A3
BV B-20023 AMA	date 15.01.20	chr J COMPAGNON	95.12.05	type CUSTOMER
BP F10-0252 JCO	date 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	

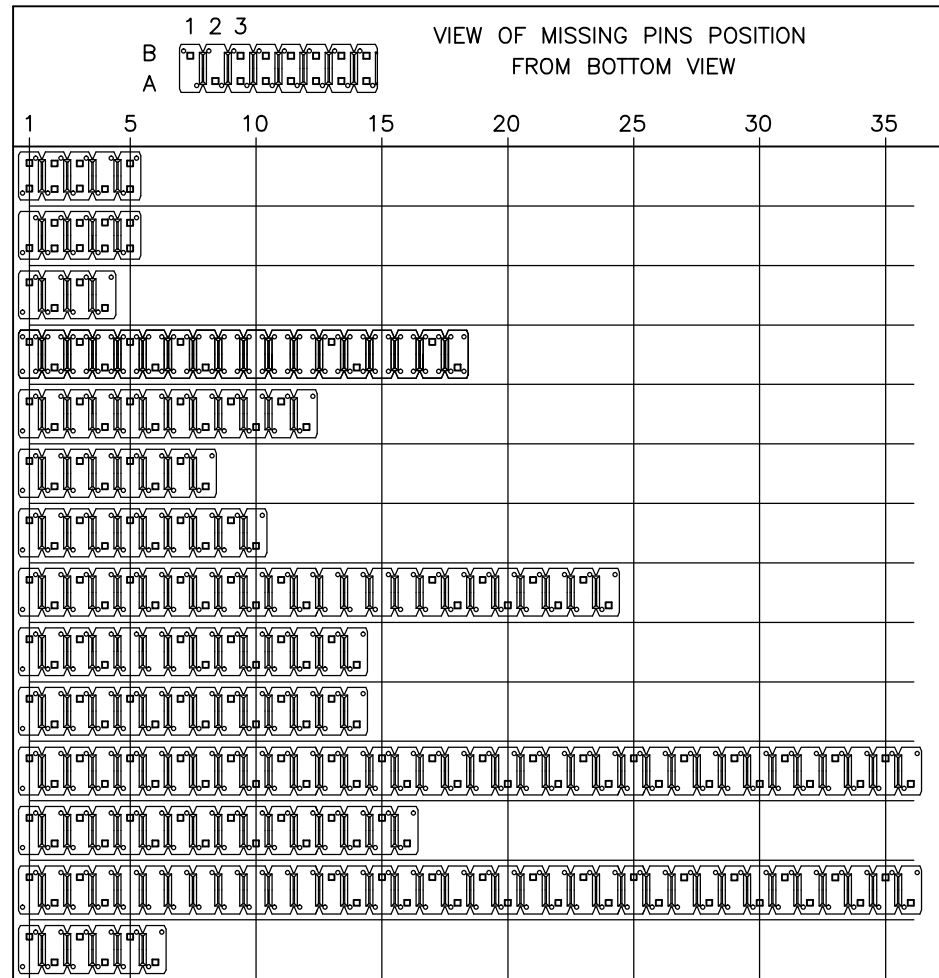
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
01	2X08	5.72	2.54	10.8
02	2X10	5.84	3.05	11.5
04	2X05	5.72	3.05	11.3
05	2X08	5.84	3.42	11.8
06	2X30	5.72	2.54	10.8
07	2X16	5.72	2.54	10.8
08	2X12	5.72	2.54	10.8
09	2X18	5.72	2.54	10.8
10	2X09	5.72	2.54	10.8
11	2X04	5.72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

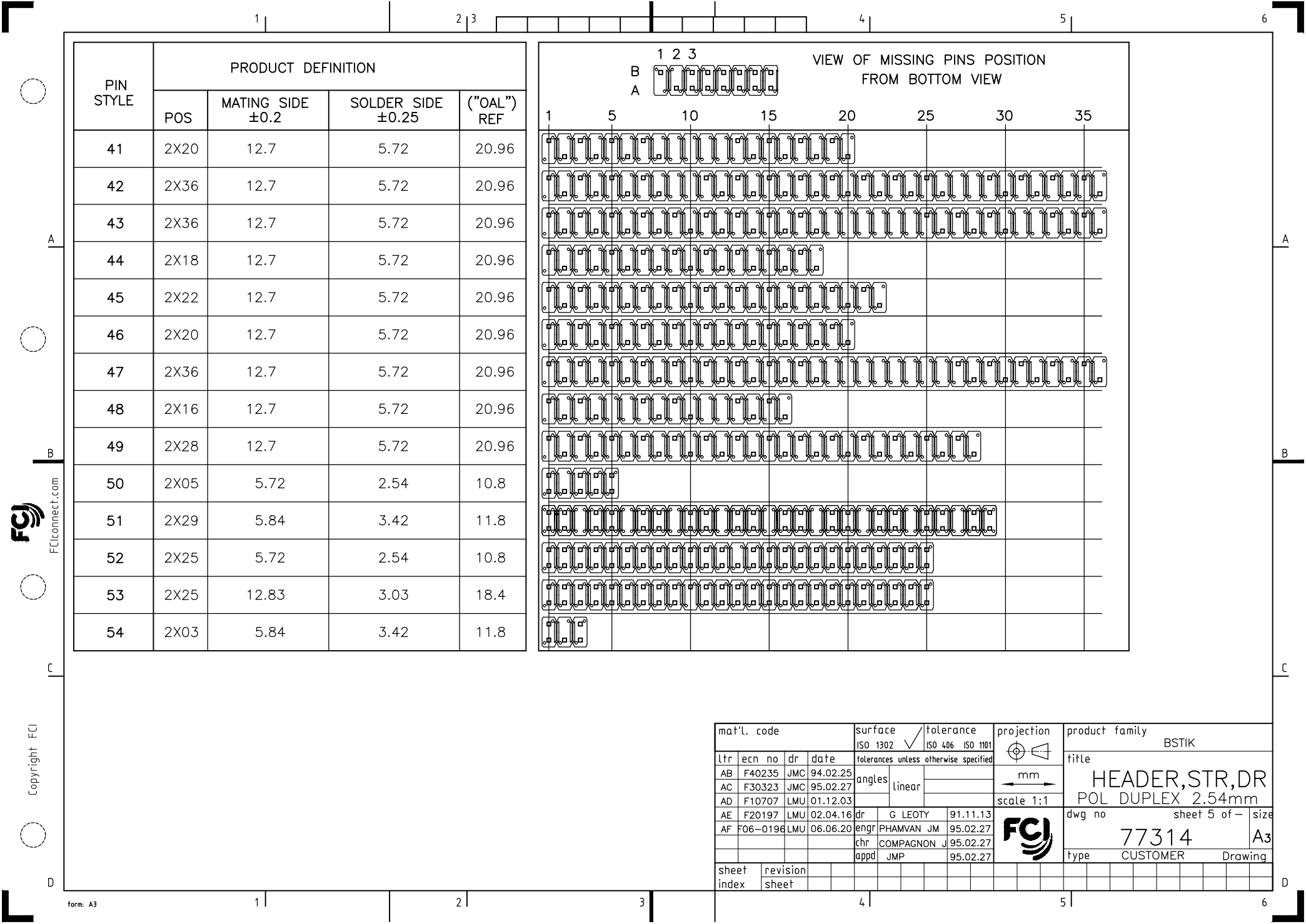
77314-8XXLF	0.38µm Au/GXT	2.0-7.5 Sn MATTE
77314-5XXLF	0.25µm Au/GXT	2.0-7.5 Sn MATTE
77314-4XXLF	2.0-7.5 Sn MATTE	
77314-2XXLF	1.27µm Au	2.0-7.5 Sn MATTE
77314-1XXLF	0.76µm Au/GXT	2.0-7.5 Sn MATTE
77314-1XXSLF	0.76µm Au/GXT	GOLD FLASH
PLATING CODE	CONTACT AREA	REMAINDER
	PLATING THICKNESS OVER 1.27µm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

mat'l. code				surface ISO 1302 ☒ ISO 406 ISO 1101			tolerance		projection 		product family BSTIK				
ltr		ecn no		dr		date		tolerances unless otherwise specified							
AH		F06-0196		LMU		06.06.20		angles		linear				title HEADER,STR,DR POL DUPLEX 2.54mm	
AJ		F08-0148		RTR		08.03.31									
												scale 1:1		dwg no sheet 2 of - size 77314 A3 type CUSTOMER 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
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	angles	linear	mm		title HEADER,STR,DR POL DUPLEX 2.54mm	
AB	F40235	JMC	94.02.25			scale 1:1		dwg no	
AC	F30323	JMC	95.02.27					sheet 4 of - size	
AD	F10707	LMU	01.12.03					77314 A3	
AE	F20197	LMU	02.04.16	dr	G LEOTY	91.11.13		type	
AF	F06-0196	LMU	06.06.20	enr	PHAMVAN JM	95.02.27		CUSTOMER Drawing	
				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
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	ecr 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						

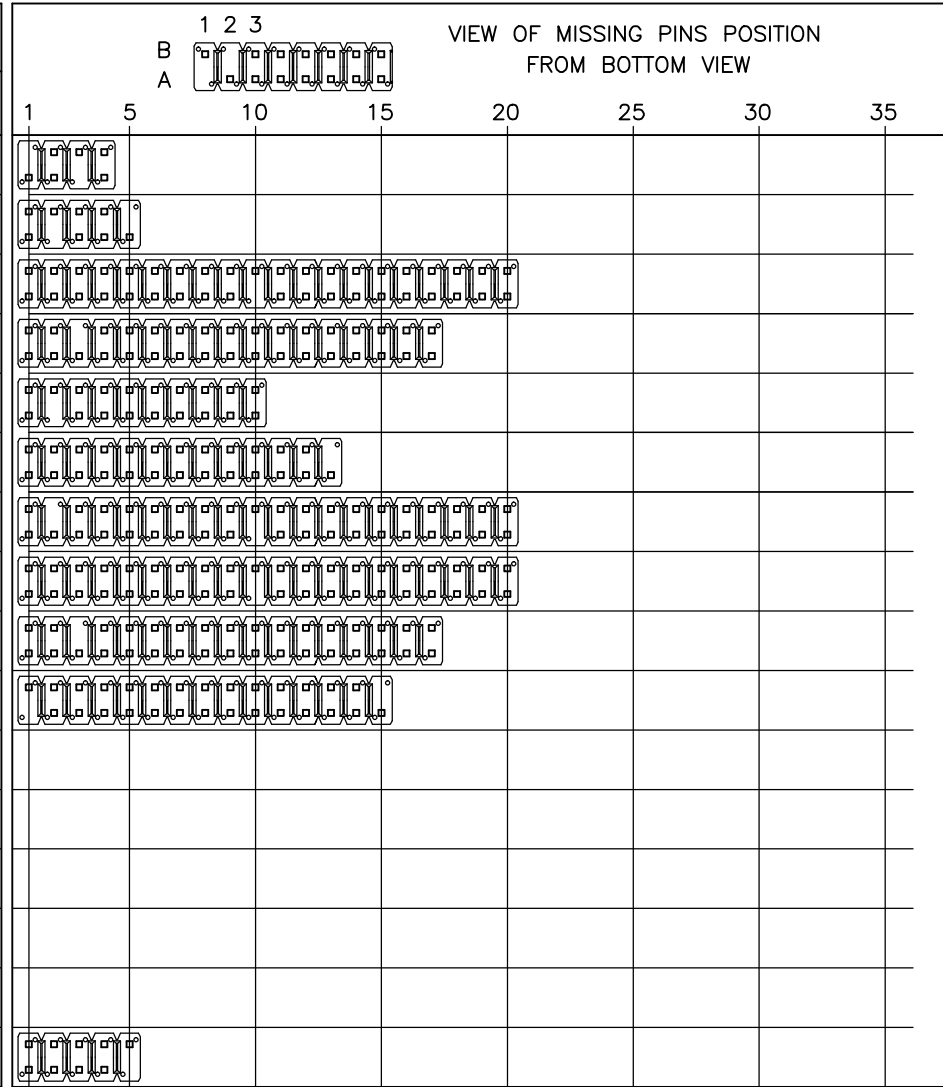


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form: A3

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				HEADER,STR,DR POL DUPLEX 2.54mm			
AD	F50246	JMC	95.04.03					scale 1:1					
AE	F50625	JMC	95.08.26	dr	G LEOTY	91.11.13			dwg no		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									
AH	F20197	LMU	02.04.16	appd	JMC	95.12.05			type		CUSTOMER Drawing		
sheet index	revision sheet												



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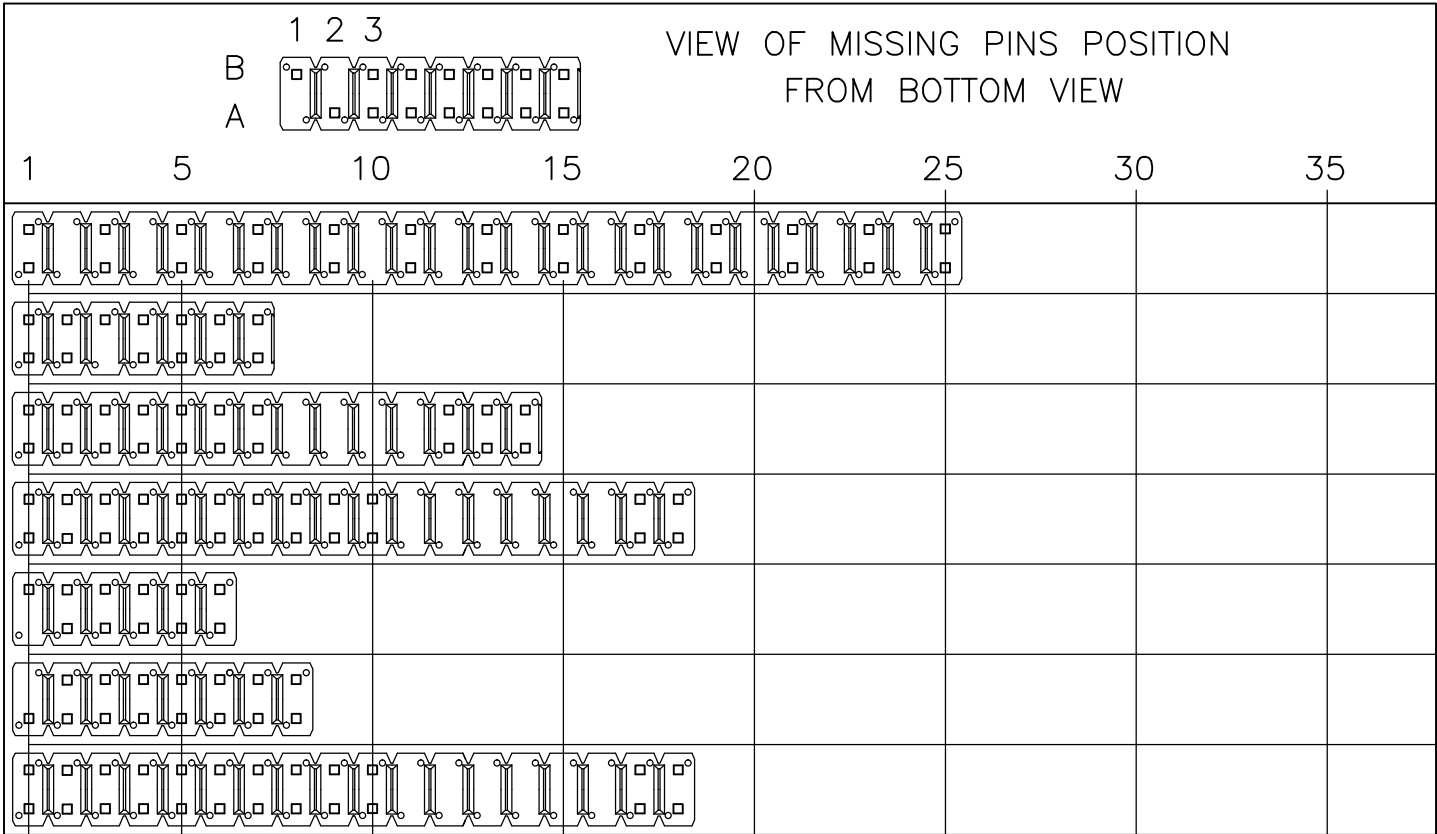
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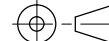
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
85	2X20	5.72	2.54	10.8
86	2X11	5.72	2.54	10.8
87	2X18	5.72	3.05	11.3
88	2X07	5.72	3.05	11.3
89	2X08	5.72	3.05	11.3
90	2X17	6.6	2.66	11.82
91	2X20	6.75	2.90	12.2
92	2X08	5.72	3.05	11.3
93	2X10	5.72	2.54	10.8
94	2X08	5.84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

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

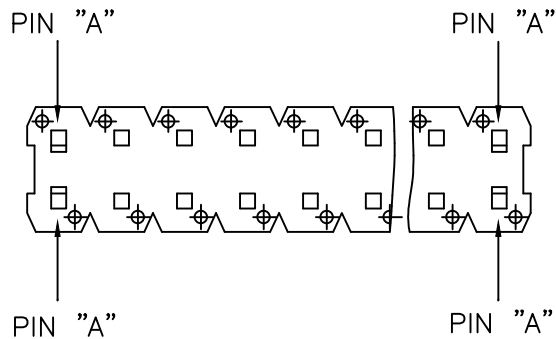
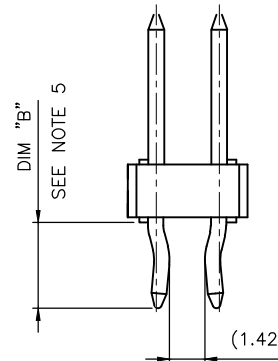
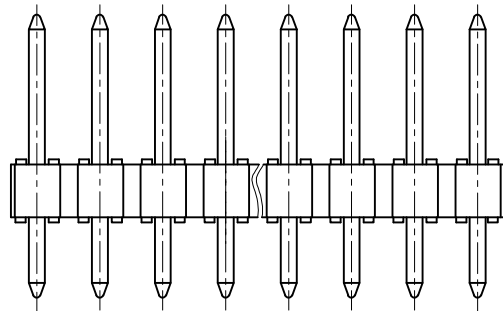


mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family BSTIK													
ltr	ecn no	dr	date	tolerances unless otherwise specified								title HEADER,STR,DR POL DUPLEX 2.54mm											
H	F12-0010	APA	12.02.01	angles		linear																mm	
J	B-16702	JCO	14.01.08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