

PRODUCT NUMBER

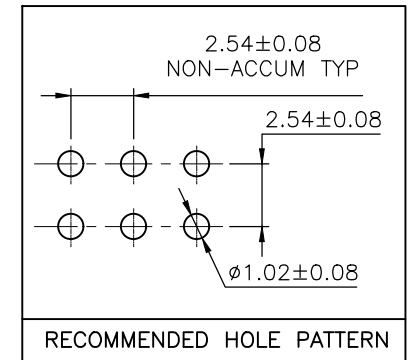
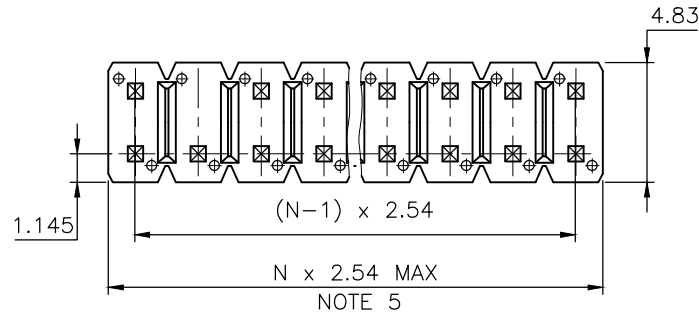
77314-YXXXLF

RoHS COMPATIBLE
SEE NOTE 8

OPTION LETTER
SEE NOTE 7 & SHEET 9

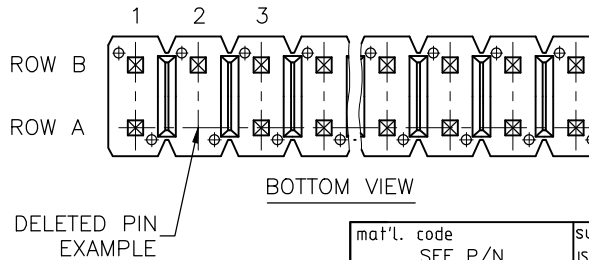
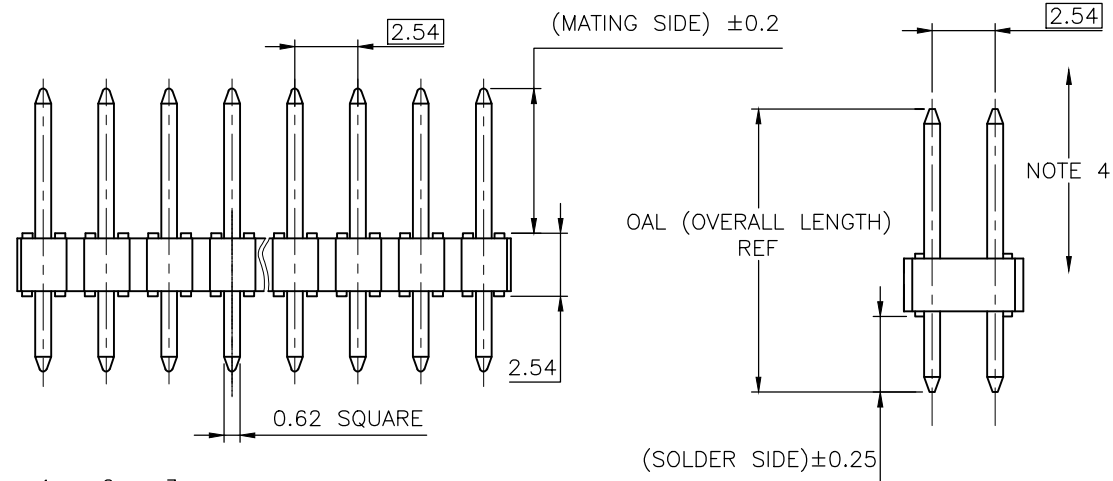
PIN STYLE SEE SHEET 2 TO 8

PLATING SEE SHEET 2



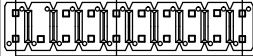
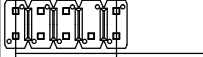
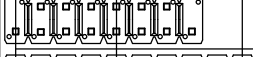
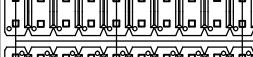
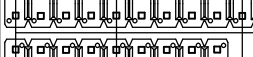
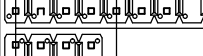
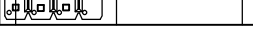
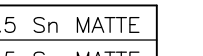
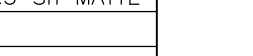
NOTES:

- 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				title	
AH		F06-0196		LMU		06.06.20		angles linear				HEADER,STR,DR POL DUPLEX 2.54mm	
AJ		F08-0148		RTR		08.03.31							
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											

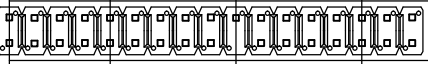
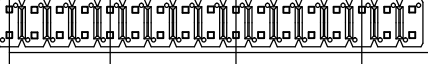


FCIconnect.com

Copyright FCI

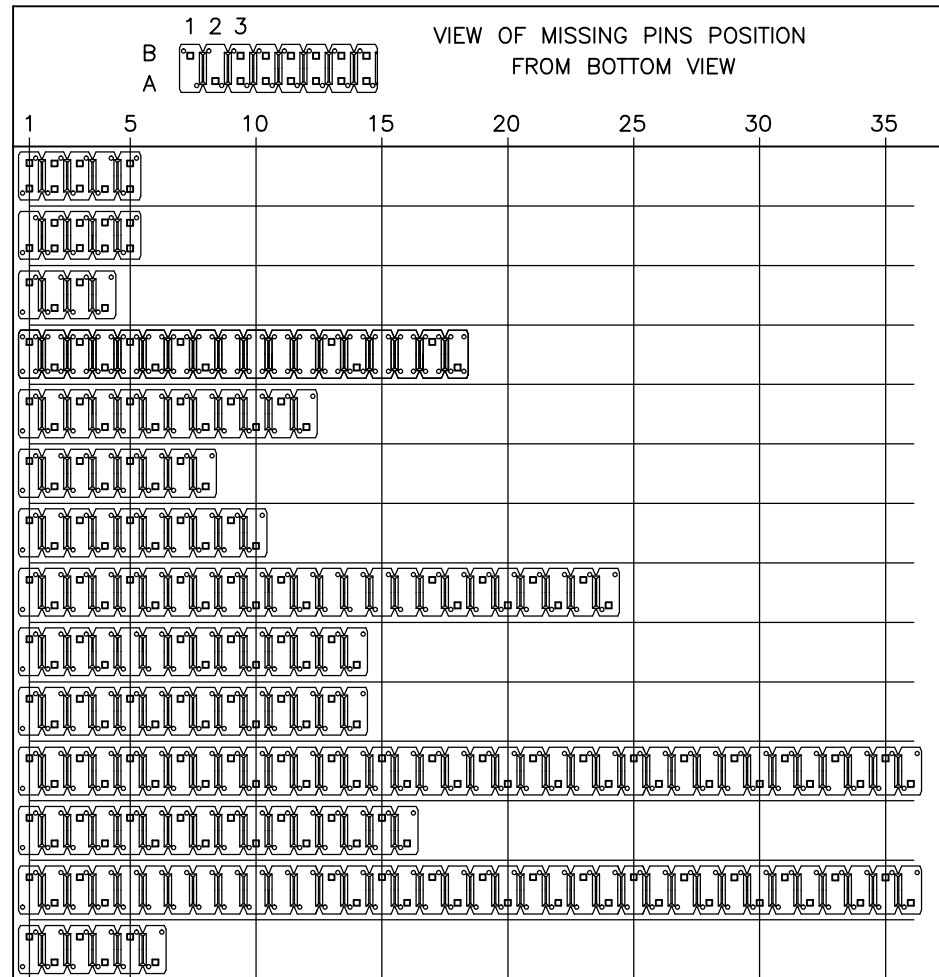
form: A3

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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless		otherwise specified		 scale 1:1		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										
AE	F20197	LMU	02.04.16	dr	G LEOTY		91.11.13			dwg no		sheet 3 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
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 77314	
AC	F30323	JMC	95.02.27					sheet 4 of - size A3	
AD	F10707	LMU	01.12.03					type CUSTOMER Drawing	
AE	F20197	LMU	02.04.16	dr	G LEOTY	91.11.13			
AF	F06-0196	LMU	06.06.20	enr	PHAMVAN JM	95.02.27			
				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
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	ecn no	dr	date	tolerances unless otherwise specified			title
AB	F40235	JMC	94.02.25				HEADER,STR,DR
AC	F30323	JMC	95.02.27	angles	linear	mm	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						

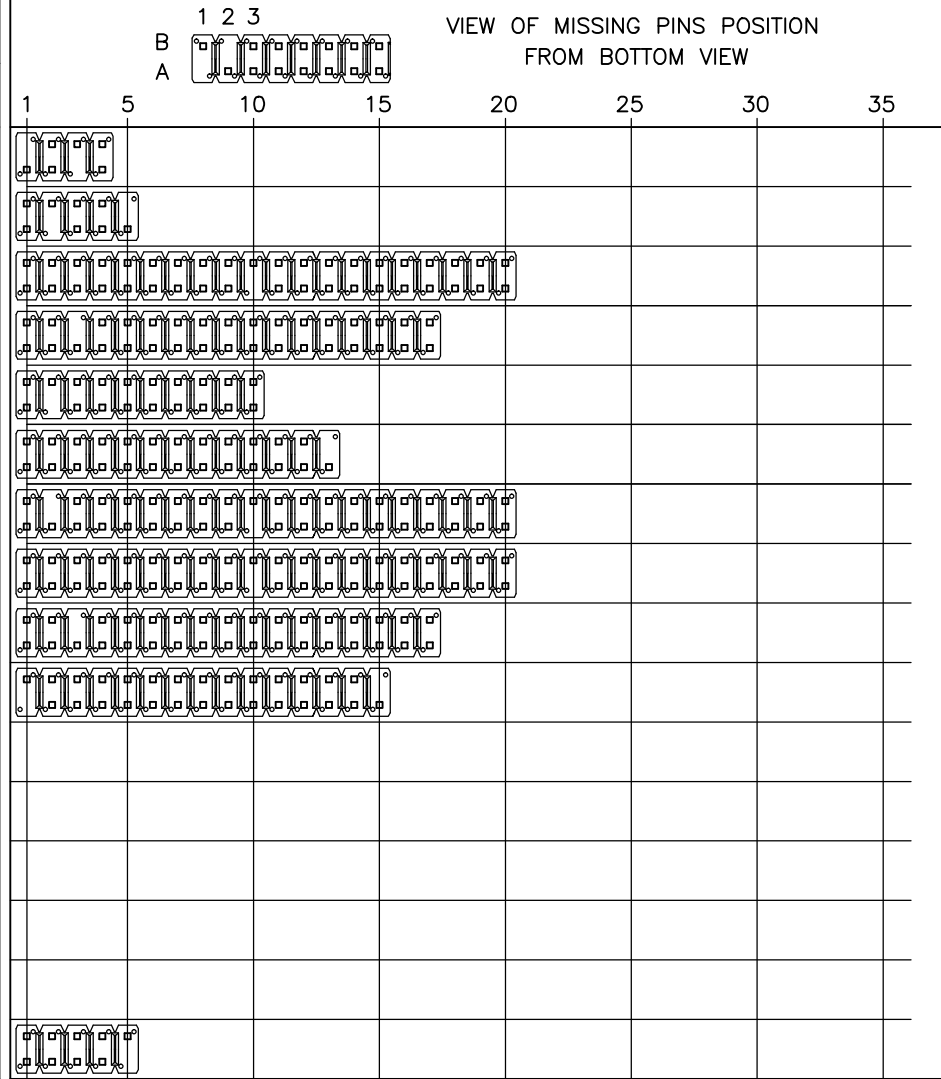


FCIconnect.com

Copyright FCI

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			
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		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	revision												
index	sheet												



FCIconnect.com

Copyright FCI

D

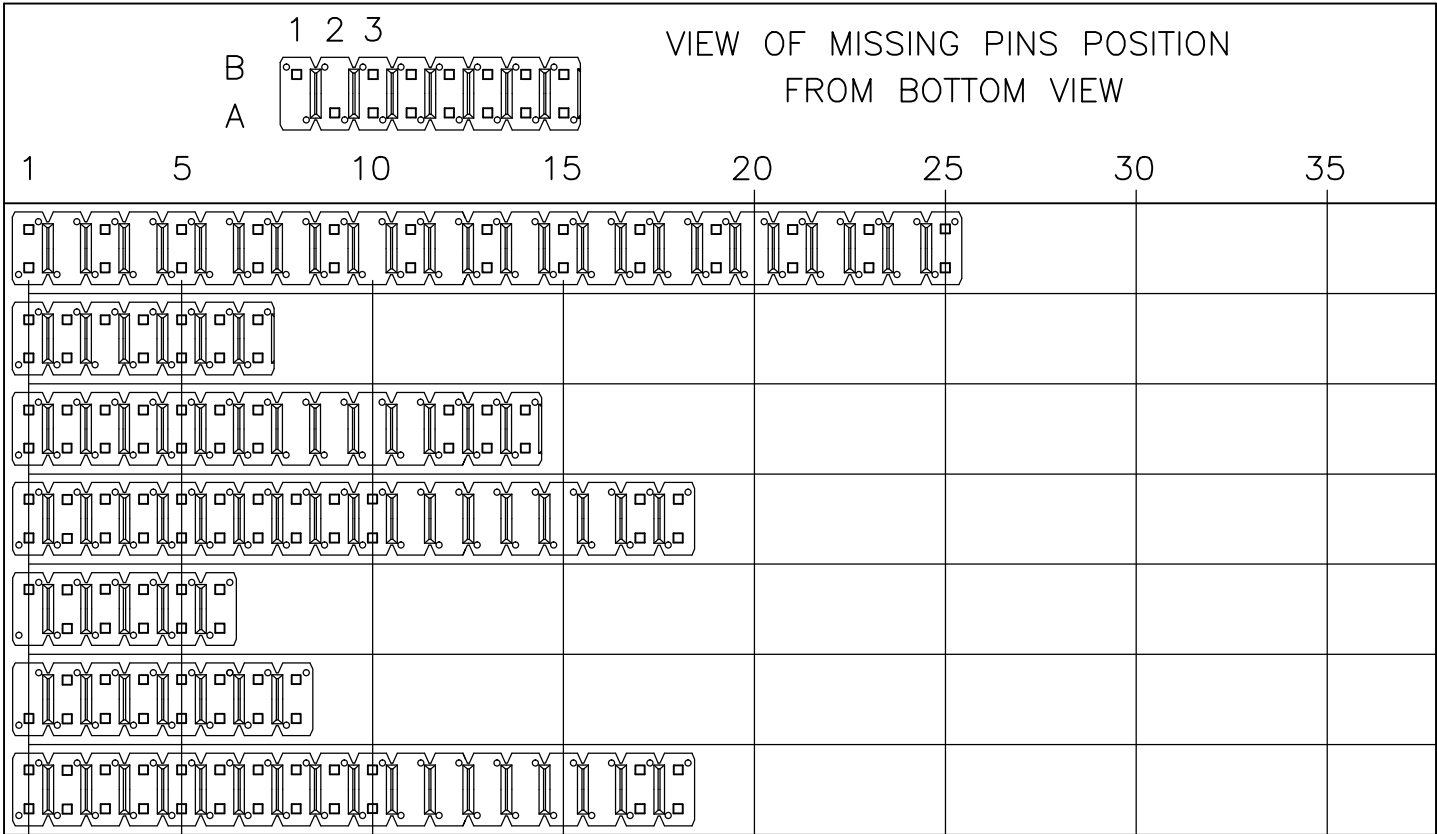
form: A3

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				
R	F20197	LMU	02.04.16	angles		linear				HEADER,STR,DR				
S	F03-0298	LMU	03.10.28					scale N/A		POL DUPLEX 2.54mm				
T	F04-0137	LMU	04.02.12											
U	F06-0117	LMU	06.01.30	dr	O. MATHEVON		96.08.28				dwg no		sheet 8 of	size
V	F06-0196	LMU	06.06.20	enr	J. COMPAGNON		96.08.28				77314		A3	
W	F09-0218	LMU	09.11.16	chr	J. COMPAGNON		96.08.28							
				appd	JMC		96.08.28				type		CUSTOMER	Drawing
sheet	revision													
index	sheet													

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

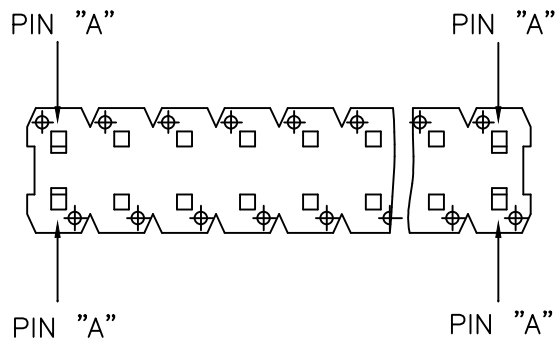
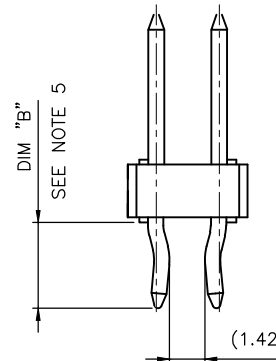
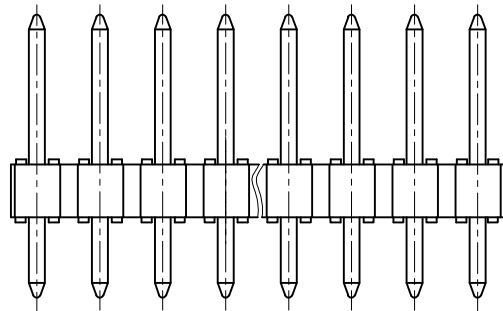


mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title HEADER,STR,DR POL DUPLEX 2.54mm			
H	F12-0010	APA	12.02.01	angles	linear					
J	B-16702	JCO	14.01.08							
K	B-20023	AMA	15.01.20			scale N/A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



FCIconnect.com

Copyright FCI



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					
								scale N/A		POL DUPLEX 2.54mm					
				dr		L.MULIN		10.04.30		dwg no		sheet 10 of		size	
				engr		JMC		10.04.30				77314		A3	
				chr											
				appd		JMC		10.04.30		type		CUSTOMER		Drawing	
sheet index		revision sheet													