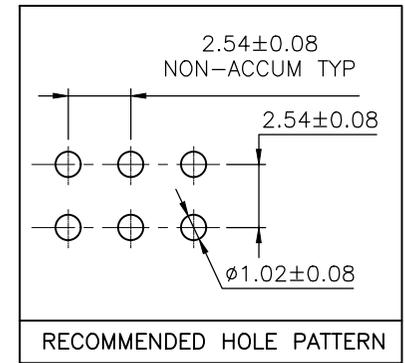
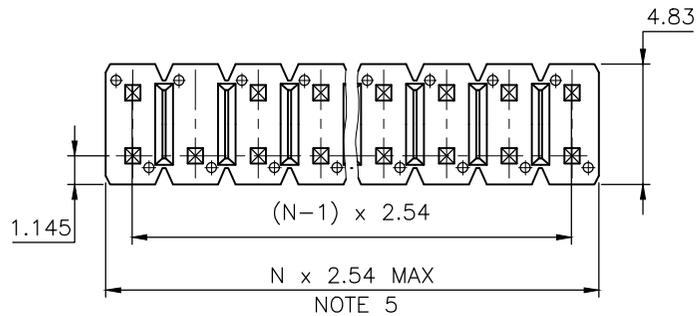


PRODUCT NUMBER

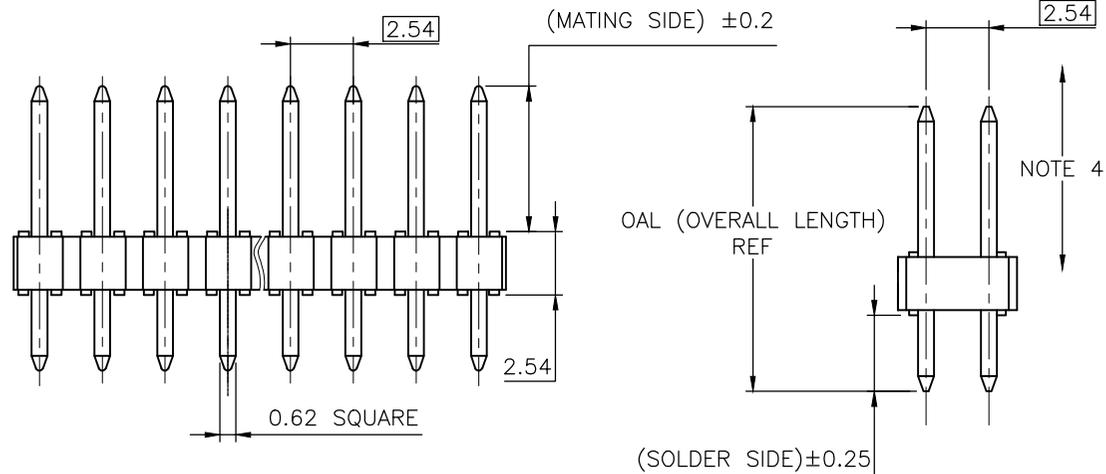
77314-YXXXLF

- RoHS COMPATIBLE  
SEE NOTE 8
- OPTION LETTER  
SEE NOTE 7 & SHEET 9
- PIN STYLE SEE SHEET 2 TO 8
- PLATING SEE SHEET 2

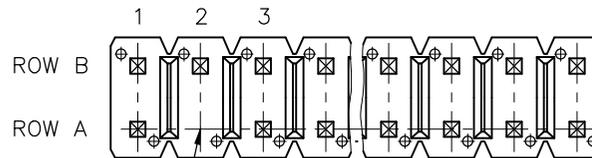


NOTES:

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



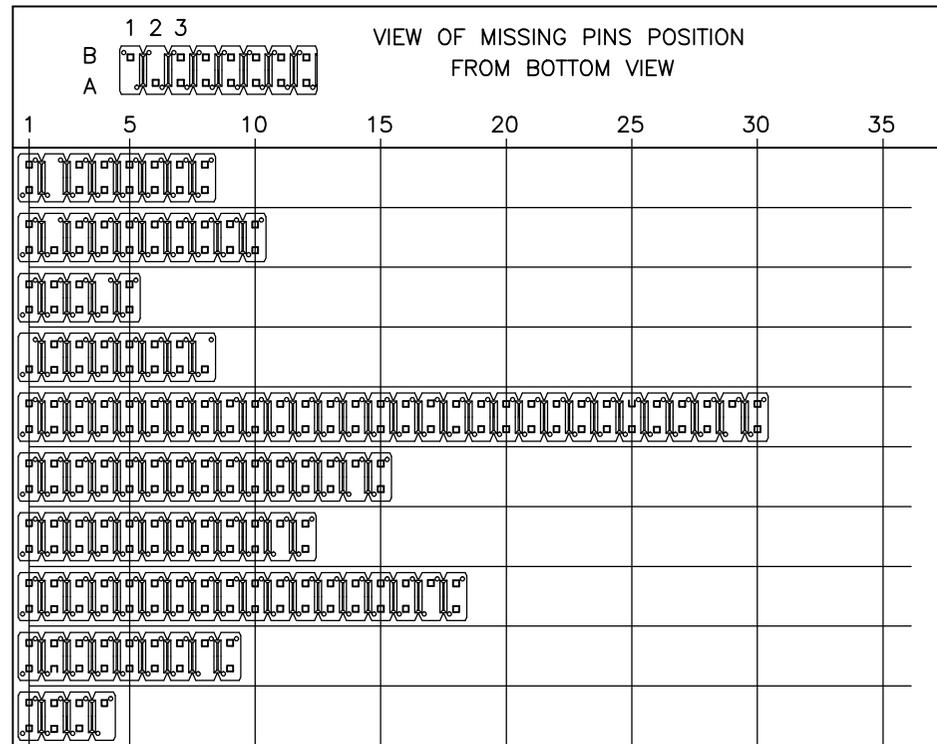
- a - PLATING:
  - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
- b - MANUFACTURING PROCESS COMPATIBILITY
  - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
- c - LABELING:
  - MEETS PACKAGING SPECS AS PER GS-14-920
- d - LEGAL STATEMENT: SEE GS-47-0004



BOTTOM VIEW

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

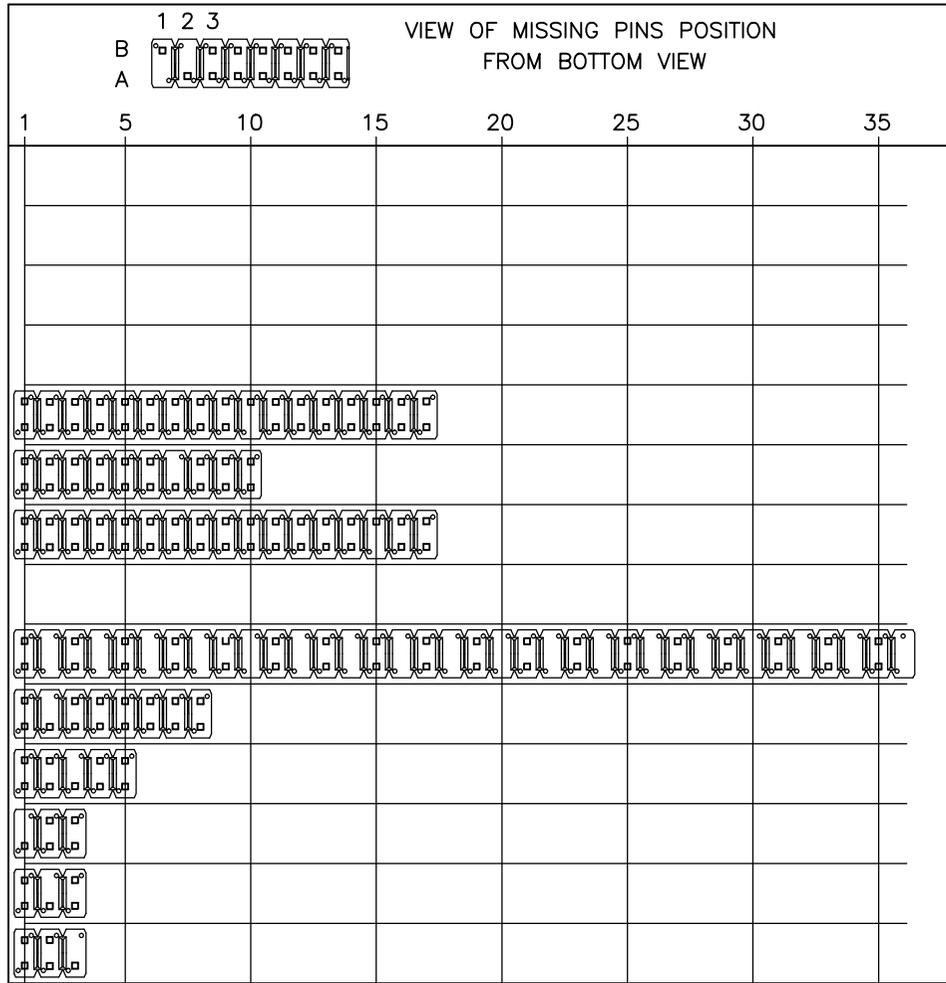
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
01	2X08	5.72	2.54	10.8
02	2X10	5.84	3.05	11.5
04	2X05	5.72	3.05	11.3
05	2X08	5.84	3.42	11.8
06	2X30	5.72	2.54	10.8
07	2X16	5.72	2.54	10.8
08	2X12	5.72	2.54	10.8
09	2X18	5.72	2.54	10.8
10	2X09	5.72	2.54	10.8
11	2X04	5.72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



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

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

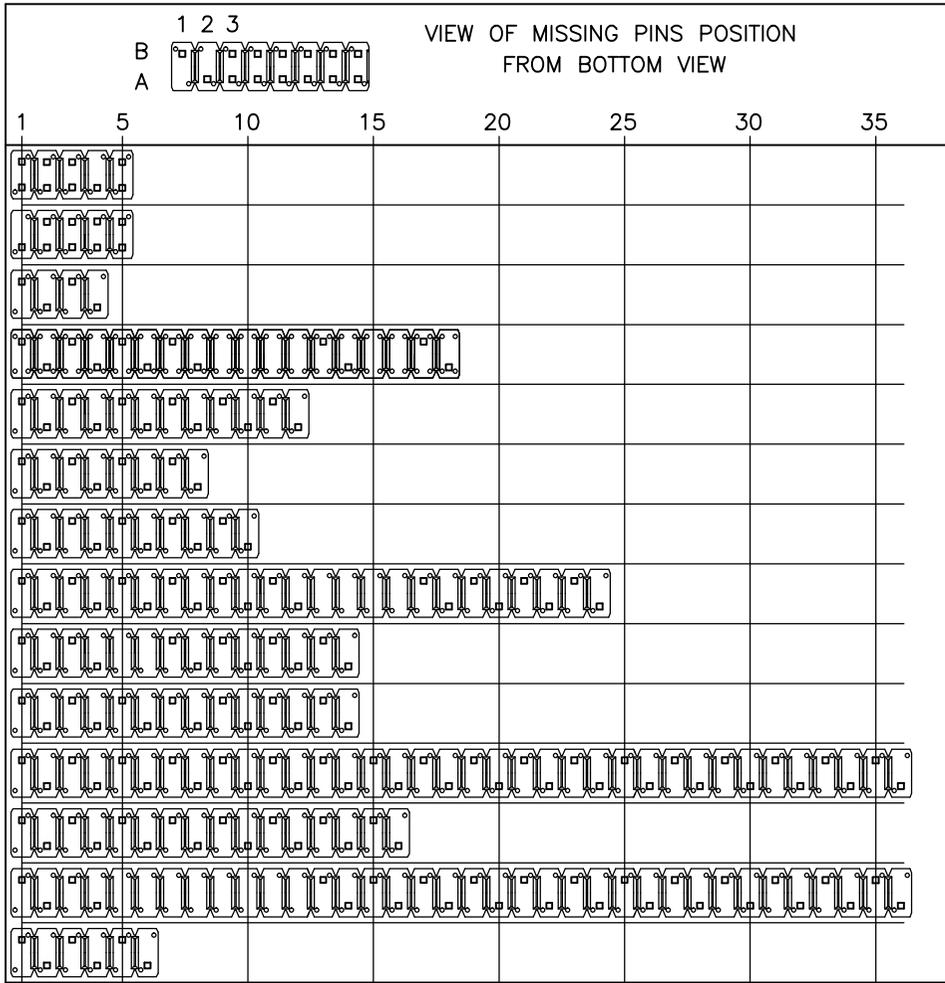


FCIconnect.com

Copyright FCI

mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101		tolerance tolerances unless otherwise specified		projection 		product family BERGSTIK	
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		sheet 3 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	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
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

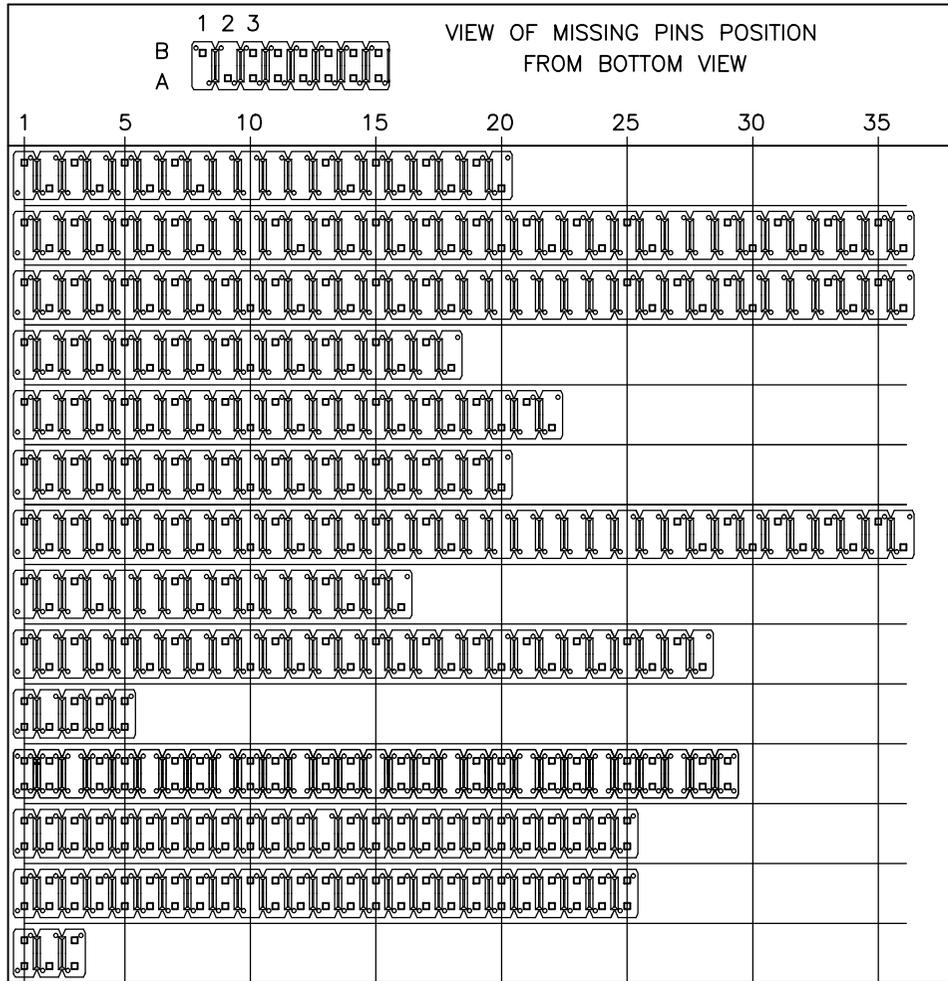


FCIconnect.com

Copyright FCI

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101				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		dr G LEOTY 91.11.13	
AF		F06-0196		LMU		06.06.20		enrg PHAMVAN JM 95.02.27	
								chr COMPAGNON J 95.02.27	
								appd JMP 95.02.27	
sheet		revision						dwg no	
index		sheet						77314	
								sheet 4 of - size	
								A3	
								type CUSTOMER Drawing	

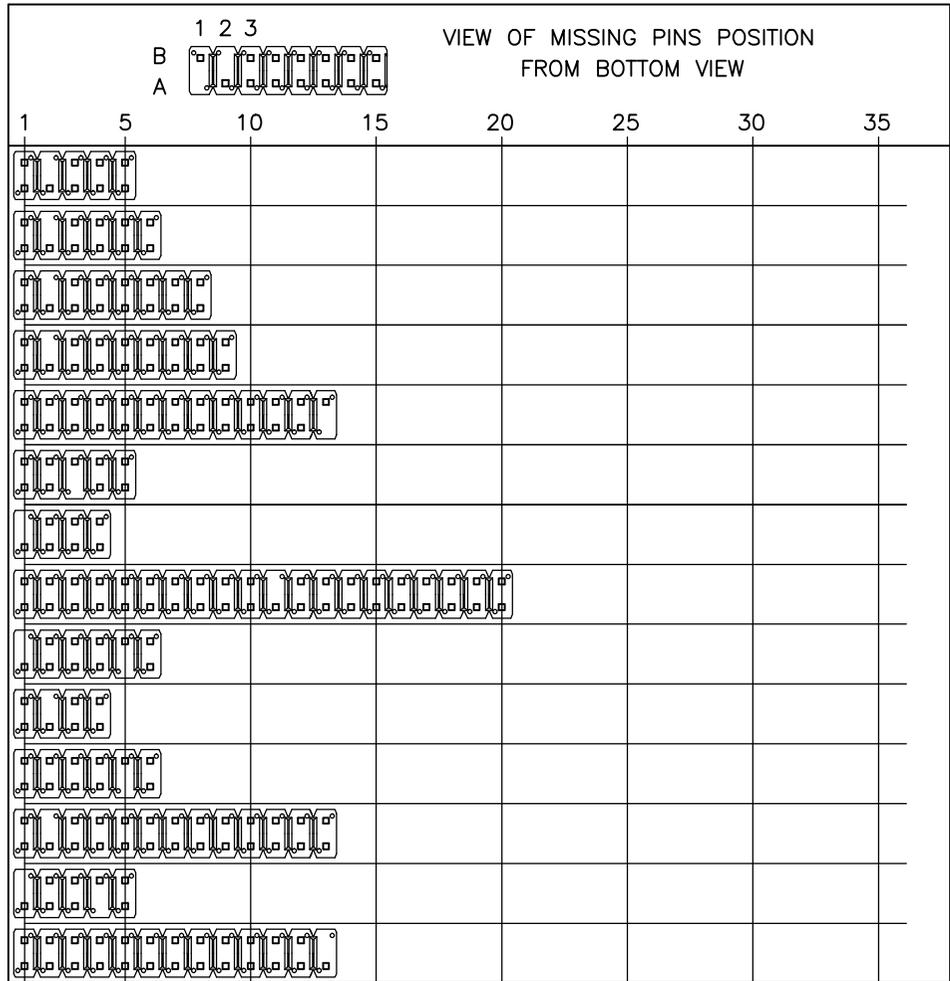
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
41	2X20	12.7	5.72	20.96
42	2X36	12.7	5.72	20.96
43	2X36	12.7	5.72	20.96
44	2X18	12.7	5.72	20.96
45	2X22	12.7	5.72	20.96
46	2X20	12.7	5.72	20.96
47	2X36	12.7	5.72	20.96
48	2X16	12.7	5.72	20.96
49	2X28	12.7	5.72	20.96
50	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



Copyright FCI

mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/> 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 5 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

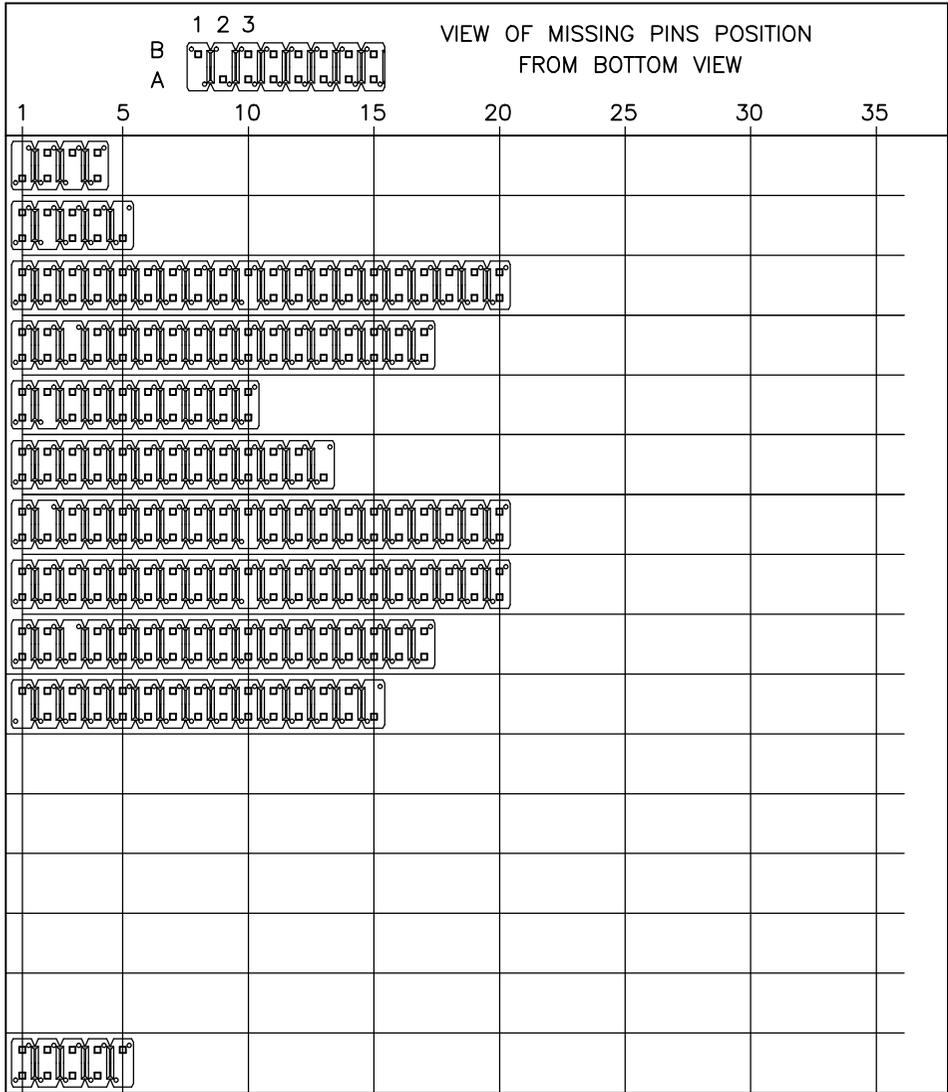


FCIconnect.com

Copyright FCI

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101				BSTIK	
ltr ecn no dr date		tolerances unless otherwise specified		angles		mm		title	
AB F40235 JMC 94.02.25				linear				HEADER,STR,DR	
AC F30323 JMC 95.02.27						scale 1:1		POL DUPLEX 2.54mm	
AD F70430 JMC 97.06.02								dwg no sheet 6 of - size	
AE F00100 LMU 00.01.11		dr G LEOTY 91.11.13		enr PHAMVAN JM 95.02.27				77314 A3	
AF F10707 LMU 01.12.03		chr COMPAGNON J 95.02.27		appd JMP 95.02.27				type CUSTOMER Drawing	
AG F20197 LMU 02.04.16									
AH F06-0196 LMU 06.06.20									
sheet revision									
index sheet									

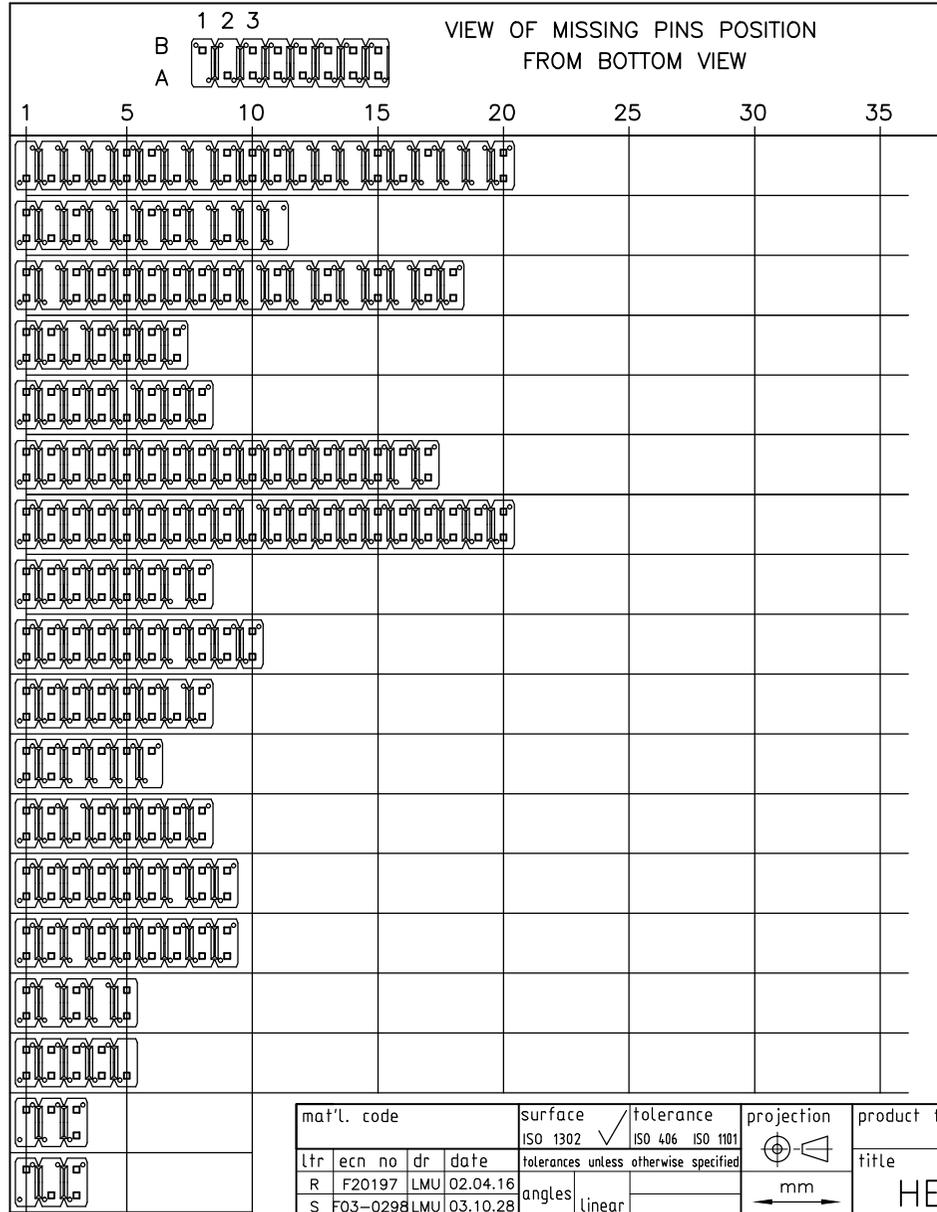
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
69	2X04	5.72	2.54	10.8
70	2X05	5.72	2.54	10.8
71	2X20	5.72	3.05	11.3
72	2X17	5.72	3.05	11.3
73	2X10	5.72	3.05	11.3
74	2X13	5.72	3.05	11.3
75	2X20	5.72	3.05	11.3
76	2X20	5.72	3.05	11.3
77	2X17	5.72	3.05	11.3
78	2X15	5.84	3.42	11.8
79				
80				
81				
82				
83				
84	2X05	5.72	3.05	11.3



Copyright FCI

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101				BSTIK	
ltr ecn no dr date		tolerances unless otherwise specified				mm		title	
AJ F06-0196 LMU 06.06.20						scale 1:1		<b>HEADER,STR,DR</b> <b>POL DUPLEX 2.54mm</b>	
AD F50246 JMC 95.04.03		dr G LEOTY		91.11.13				dwg no sheet 7 of - size	
AE F50625 JMC 95.08.26		engr COMPAGNON J		95.12.05				77314 A3	
AG F10707 LMU 01.12.03		chr						type CUSTOMER Drawing	
AH F20197 LMU 02.04.16		appd JMC		95.12.05					
sheet revision									
index sheet									

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

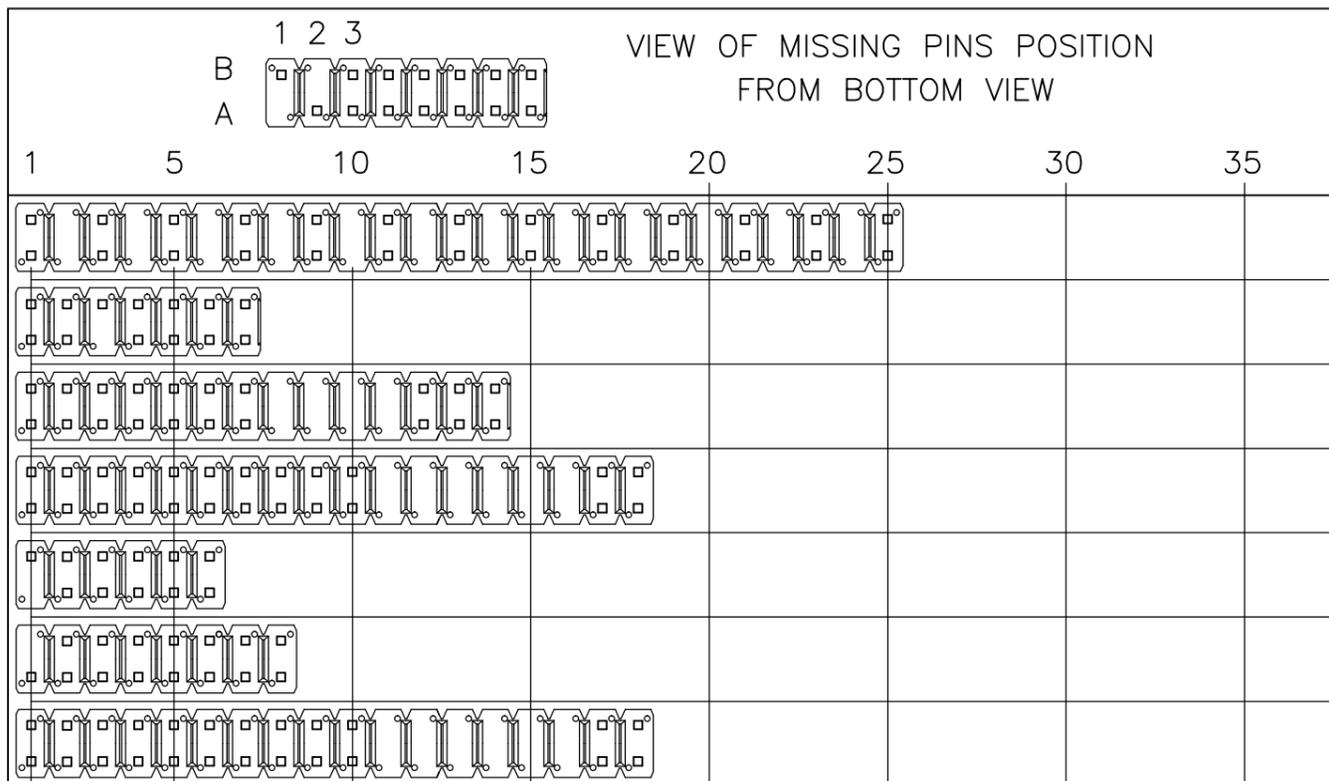


mat'l. code		surface ISO 1302 ✓ ISO 406 ISO 1101		tolerance ISO 406 ISO 1101		projection mm		product family BSTIK	
ltr		ecn no		dr		date		title HEADER,STR,DR POL DUPLEX 2.54mm	
R		F20197		LMU		02.04.16		scale N/A	
S		F03-0298		LMU		03.10.28		dwg no 77314	
T		F04-0137		LMU		04.02.12		sheet 8 of size A3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



Copyright FCI

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



A

A

B

B

C

C

D

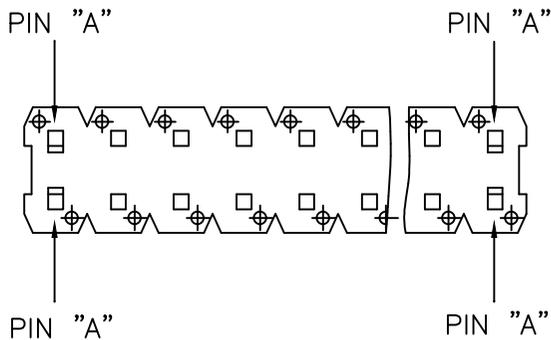
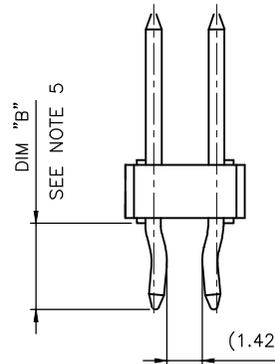
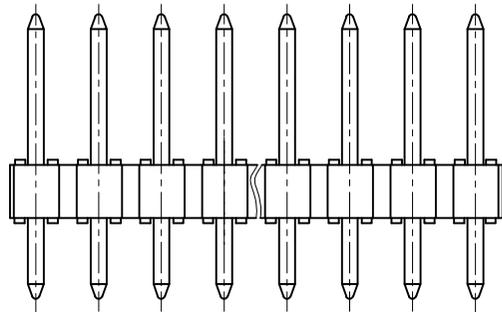
D



Copyright FCI

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	
H	F12-0010	APA	12.02.01	angles linear	scale N/A		dwg no 77314		
J	B-16702	JCO	14.01.08		sheet 9 of		size A3		
K	B-20023	AMA	15.01.20		type CUSTOMER Drawing				
		dr	J COMPAGNON	95.08.26					
		enr	JMC	95.08.26					
		chr							
		appd	JMC	95.08.26					
sheet index	revision sheet								





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		tolerance		projection		product family		
		ISO 1302		ISO 406 ISO 1101		mm		BSTIK		
ltr		ecn no		dr		date		title		
A		F10-0042		LMU		10.09.08		HEADER,STR,DR POL DUPLX 2.54mm		
				angles		linear		scale N/A		
		dr		L.MULIN		10.04.30		dwg no		
		enr		JMC		10.04.30		sheet 10 of		
		chr						77314		
		appd		JMC		10.04.30		A3		
sheet		revision						type		
index		sheet						CUSTOMER Drawing		



Copyright FCI