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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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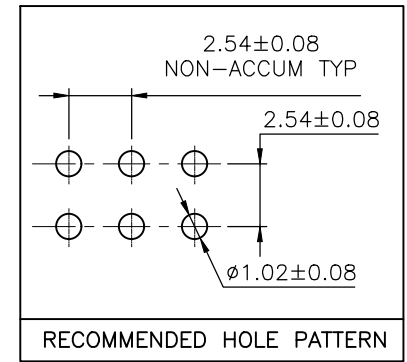
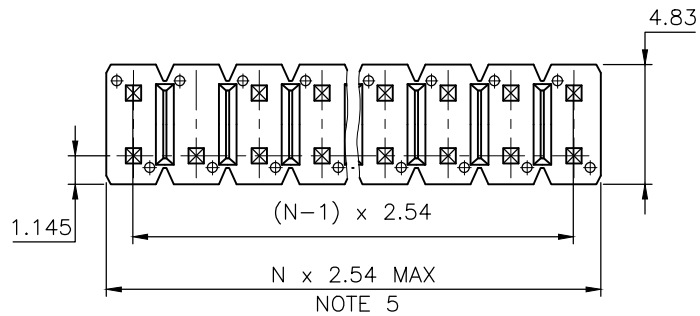
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PRODUCT NUMBER

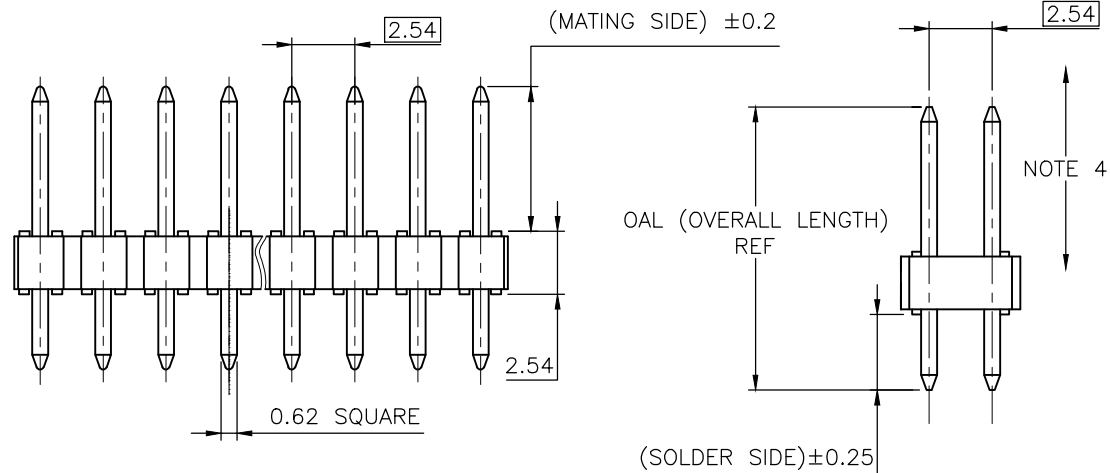
77314-YXXXLF

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

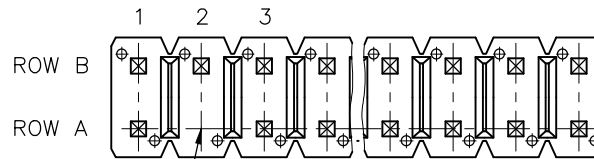


NOTES:

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



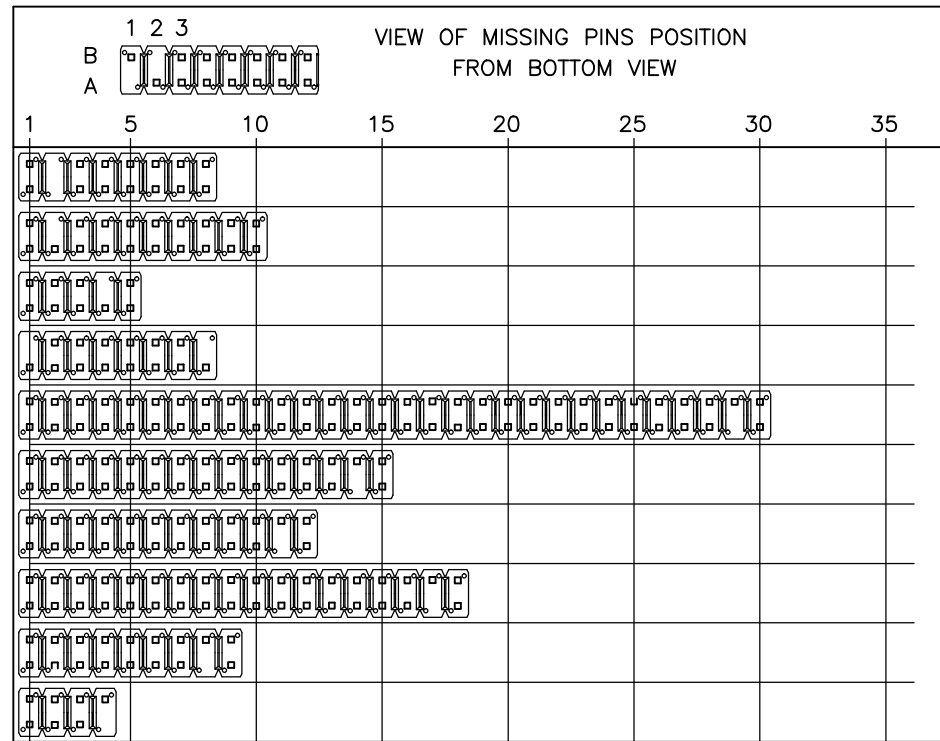
- a - PLATING:
  - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
- b - MANUFACTURING PROCESS COMPATIBILITY
  - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK 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		angles		linear		title HEADER STR,DR POL DUPLEX 2.54mm.	
BR F11-0050 LMU 11.05.11		.x ±0.3		.xx ±0.15		.xxx ±0.05		scale 5:1	
BS F12-0010 APA 12.02.01		dr G LEOTY 91.11.13		enfr J COMPAGNON 95.12.05		chr J COMPAGNON		dwg no 77314 sheet 1 of 10 size A3	
BT B-16702 JCO 14.01.08		appd JMC 95.12.05						type CUSTOMER Drawing	
BU B-18917 LMU 14.09.26		sheet index		revision BV AK AF AF AH AJ W K A		1 2 3 4 5 6 7 8 9 10			
BV B-20023 AMA 15.01.20									
BP F10-0252 JCO 10.11.30									

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	

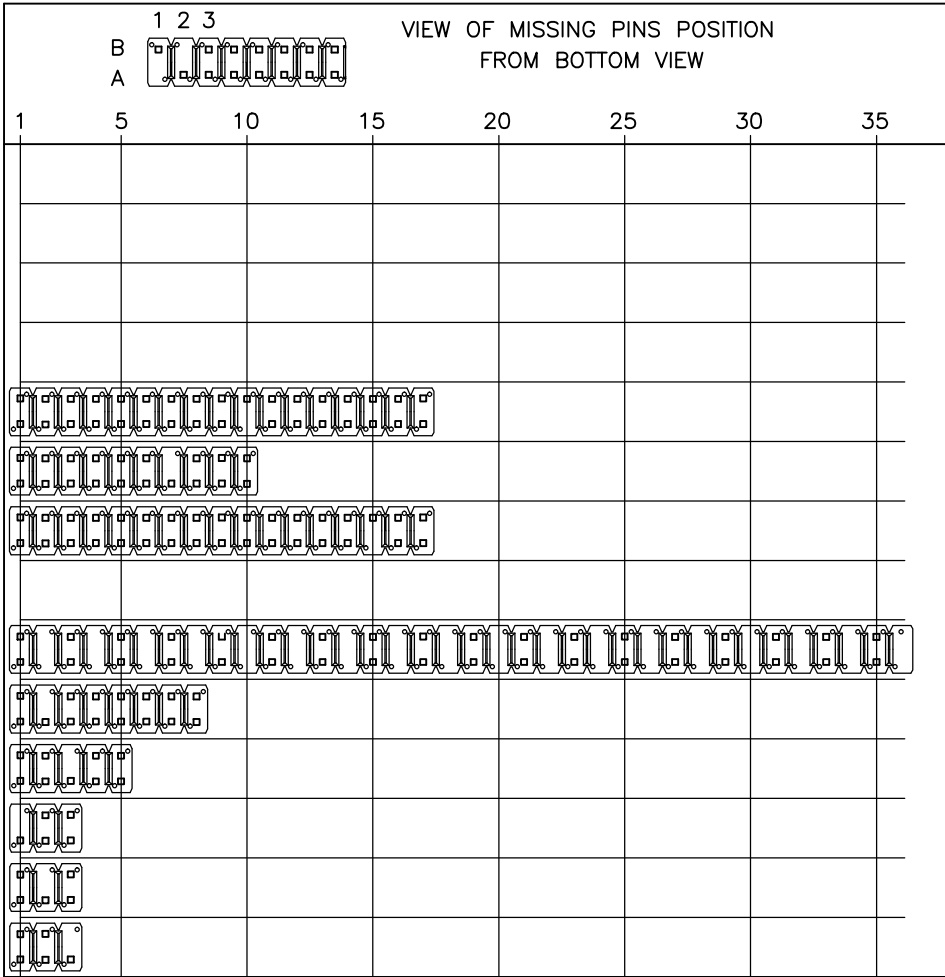
mat'l. code		surface	tolerance	projection	product family
		ISO 1302	ISO 406 ISO 1101		BSTIK
ltr ecn no dr date		tolerances unless otherwise specified		mm	title
AH	F06-0196	LMU	06.06.20	mm	HEADER,STR,DR
AJ	F08-0148	RTR	08.03.31	mm	POL DUPLEX 2.54mm
		angles	linear	scale 1:1	dwg no
AE	F10707	LMU	01.12.03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



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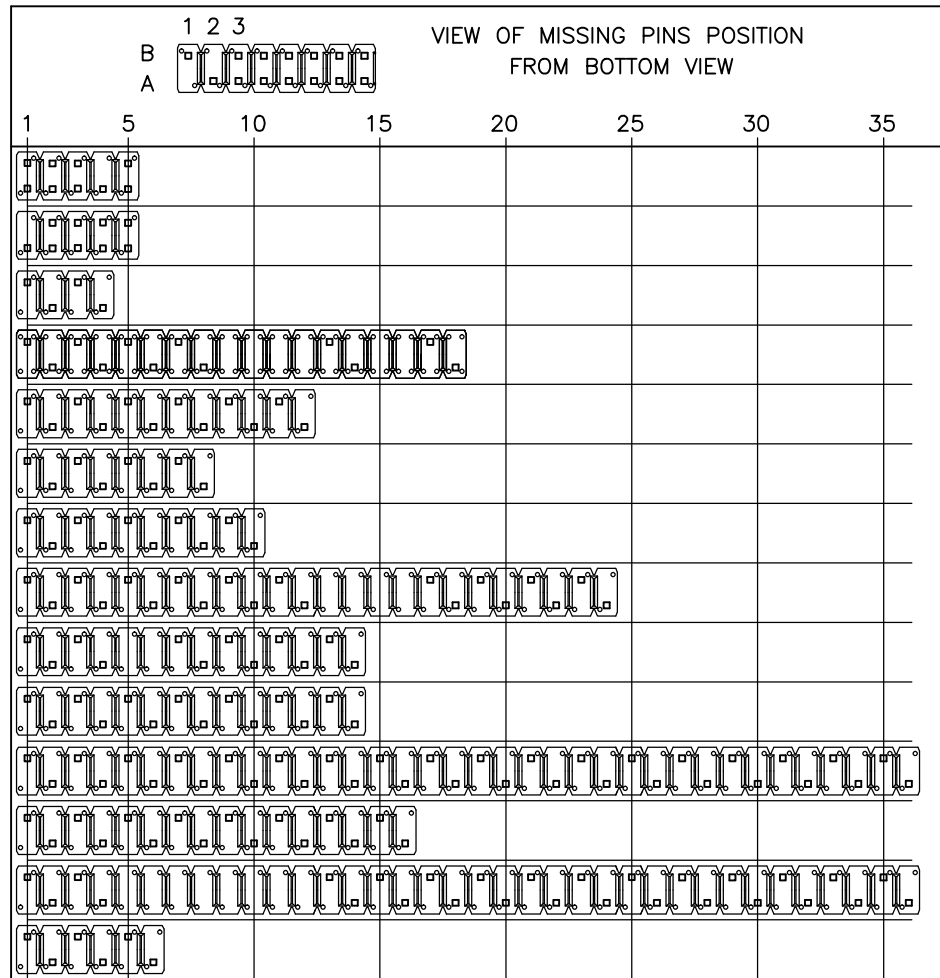
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
13				
14				
15				
16				
17	2X17	5.72	3.42	10.8
18	2X10	5.72	2.54	10.8
19	2X17	5.72	2.54	10.8
20				
21	2X36	5.72	2.54	10.8
22	2X08	5.72	2.54	10.8
23	2X05	5.72	2.54	10.8
24	2X03	5.72	2.54	10.8
25	2X03	5.72	2.54	10.8
26	2X03	5.72	2.54	10.8



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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

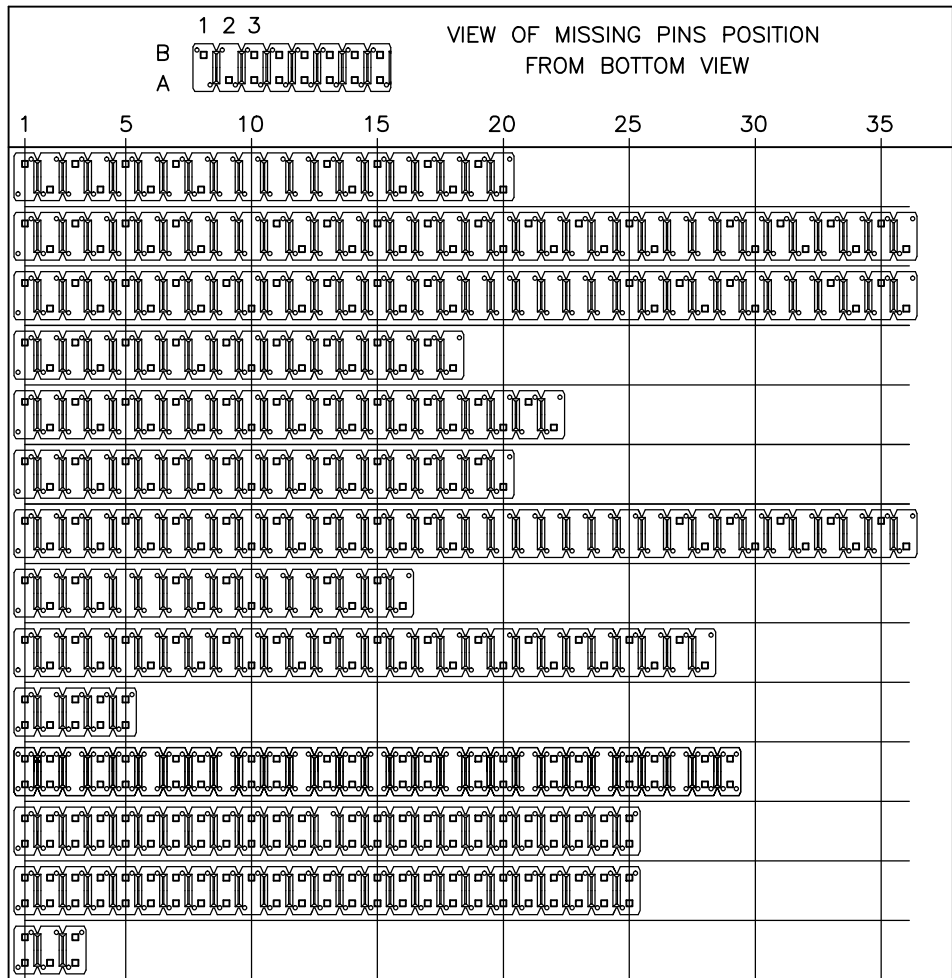


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mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101				BSTIK	
ltr		ecn no		dr		date		title	
AB		F40235		JMC		94.02.25		HEADER,STR,DR	
AC		F30323		JMC		95.02.27		POL DUPLEX 2.54mm	
AD		F10707		LMU		01.12.03		scale 1:1	
AE		F20197		LMU		02.04.16		dr G LEOTY 91.11.13	
AF		F06-0196		LMU		06.06.20		enr 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

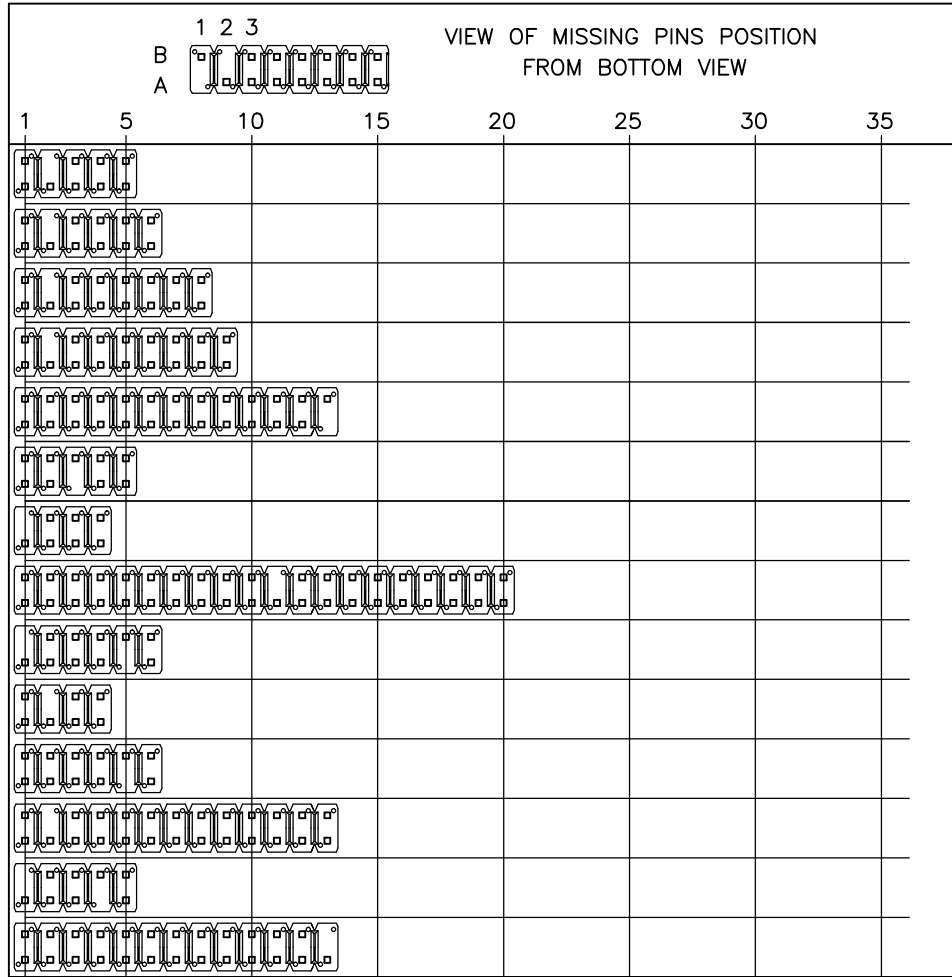


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mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101		tolerance tolerances unless otherwise specified		projection 		product family BSTIK	
ltr	ecn no	dr	date	angles	linear	mm ←→		title HEADER,STR,DR POL DUPLEX 2.54mm	
AB	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								

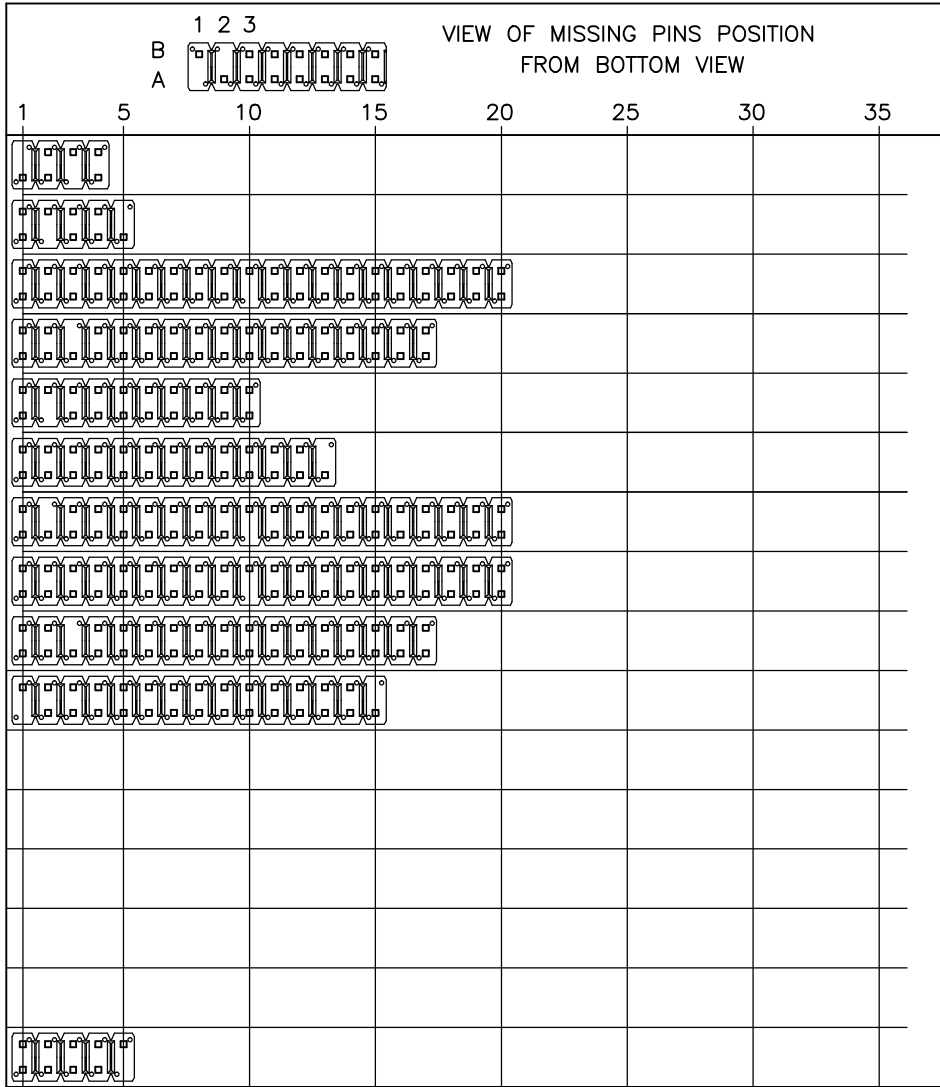
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
55	2X05	5.84	3.42	11.8
56	2X06	5.84	3.42	11.8
57	2X08	5.84	3.42	11.8
58	2X09	5.84	3.42	11.8
59	2X13	5.84	3.42	11.8
60	2X05	5.84	3.42	11.8
61	2X04	5.72	2.54	10.8
62	2X20	5.72	2.54	10.8
63	2X06	5.72	2.54	10.8
64	2X04	5.84	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



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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								77314 A3	
AF F10707 LMU 01.12.03 engr PHAMVAN JM 95.02.27								type CUSTOMER Drawing	
AG F20197 LMU 02.04.16 chr COMPAGNON J 95.02.27									
AH F06-0196 LMU 06.06.20 appd JMP 95.02.27									
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

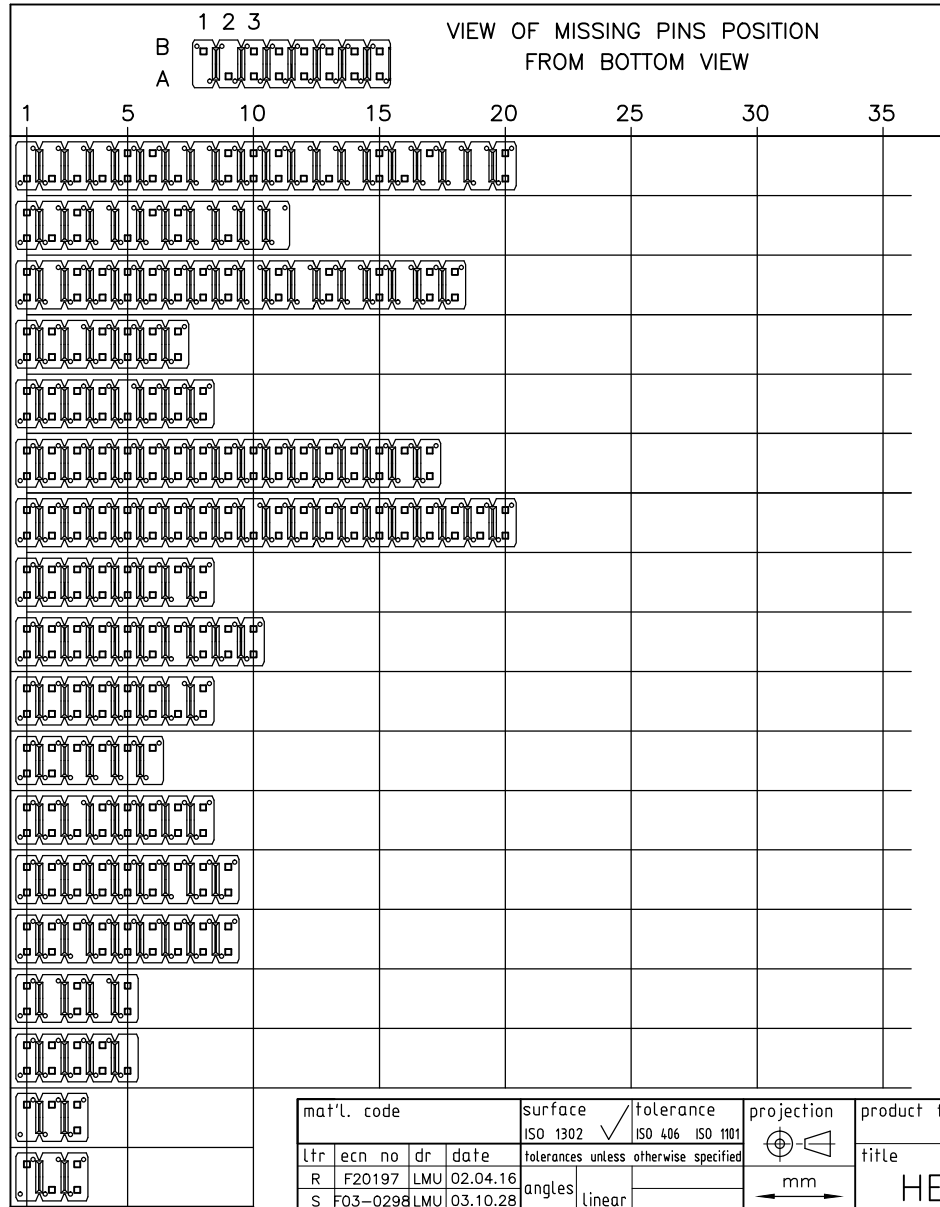


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mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101				BSTIK	
ltr ecn no dr date		tolerances unless otherwise specified				mm		title	
AJ F06-0196 LMU 06.06.20		angles		linear				HEADER,STR,DR POL DUPLEX 2.54mm	
AD F50246 JMC 95.04.03						scale 1:1		dwg no sheet 7 of - size	
AE F50625 JMC 95.08.26		dr G LEOTY		91.11.13				77314 A3	
AF F50916 JMC 95.12.05		engr COMPAGNON J		95.12.05				type CUSTOMER Drawing	
AG F10707 LMU 01.12.03		chr							
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

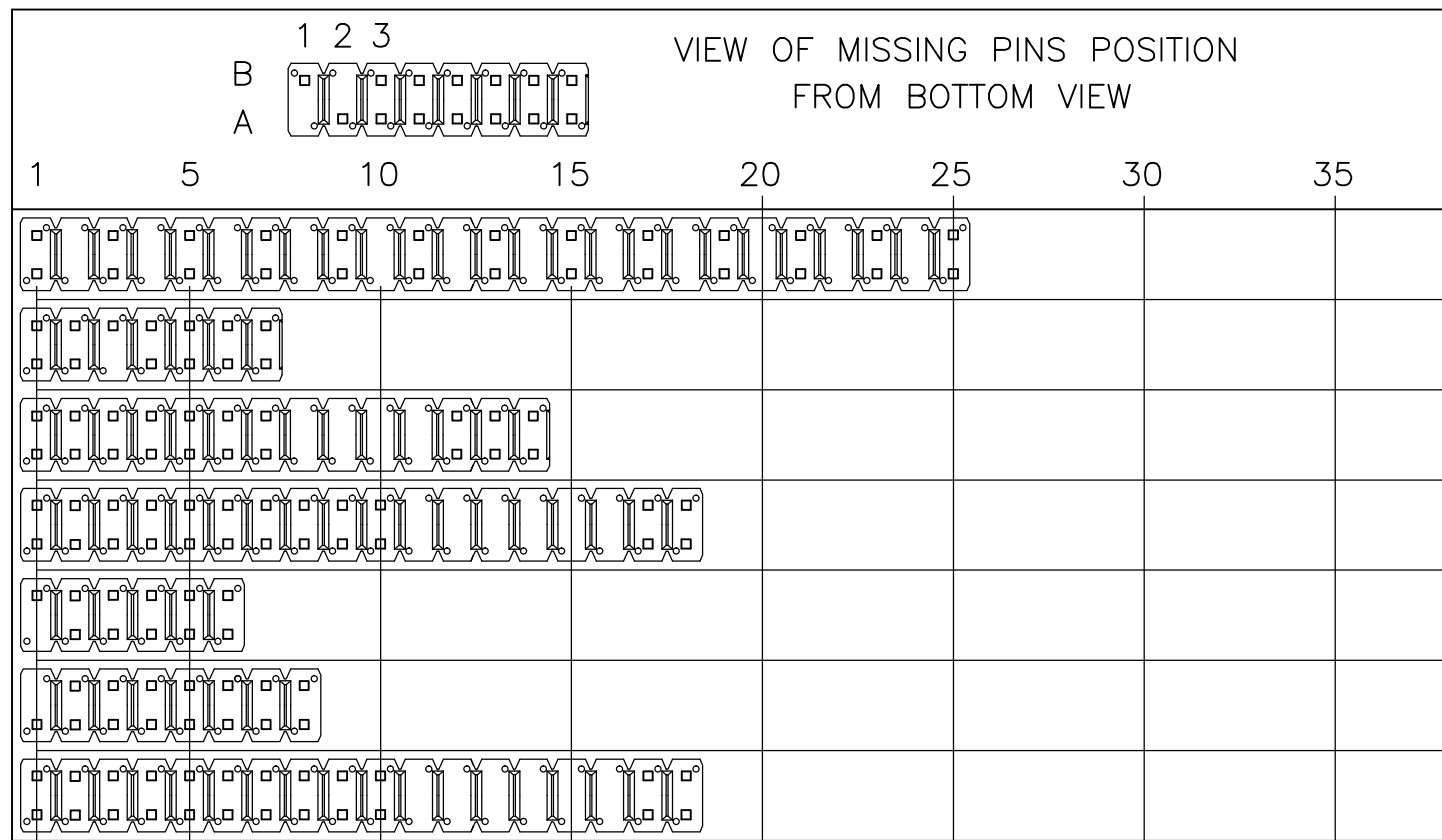


mat'l. code		surface ISO 1302 ✓ ISO 406 ISO 1101		tolerance ISO 406 ISO 1101		projection mm		product family BSTIK	
ltr		ecn no		dr		date		title	
R		F20197		LMU		02.04.16		HEADER,STR,DR	
S		F03-0298		LMU		03.10.28		POL DUPLEX 2.54mm	
T		F04-0137		LMU		04.02.12		scale N/A	
U		F06-0117		LMU		06.01.30		dr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



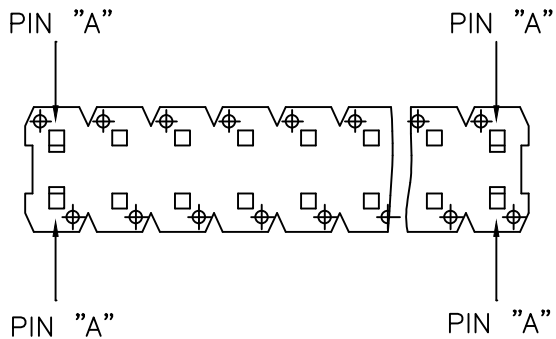
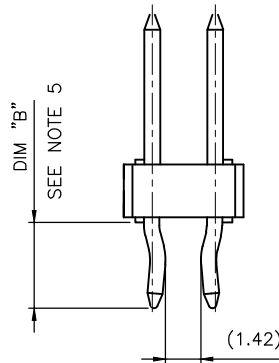
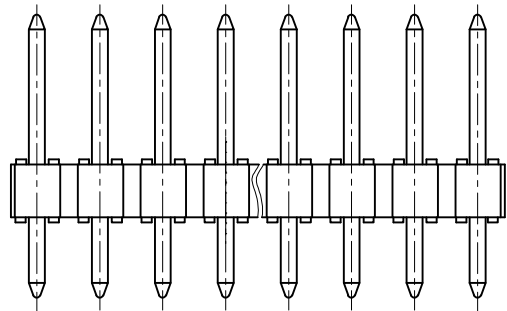
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PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
AD	2X25	7.75	3.05	13.35
AE	2X07	5.72	3.05	11.30
AF	2X14	5.84	2.41	10.80
AG	2X18	5.72	3.05	11.30
AH	2X06	6.75	2.90	12.20
AJ	2X08	5.84	3.42	11.80
AK	2X18	7.00	3.05	12.59



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mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		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 A3	
K	B-20023	AMA	15.01.20					type CUSTOMER Drawing	
		dr	J COMPAGNON	95.08.26		FCI			
E	F10-042	LMU	10.09.08	engr	JMC	95.08.26			
F	F10-0252	JCO	10.11.30	chr					
G	F11-0050	LMU	11.05.11	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 DUPLEX 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	



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