

PRODUCT NUMBER

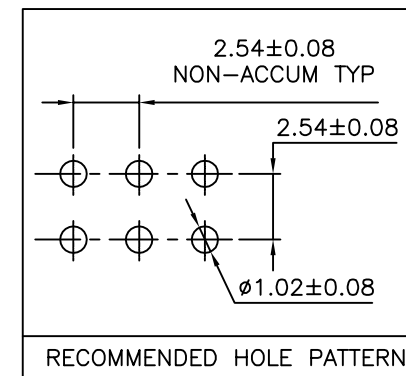
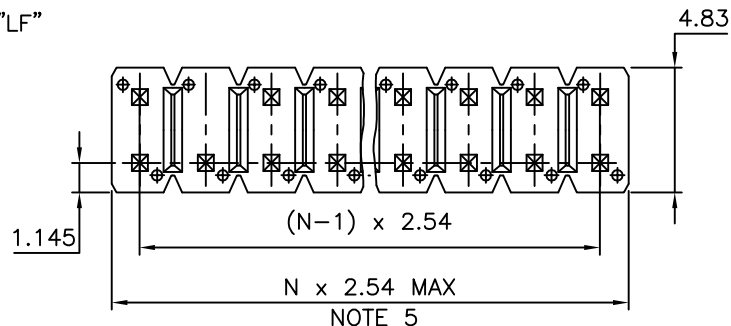
77314-YXXXLF

WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS 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

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.

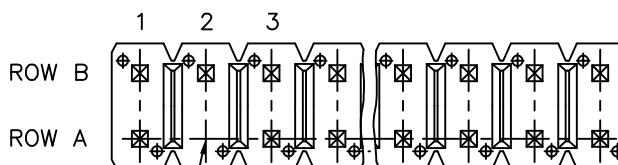
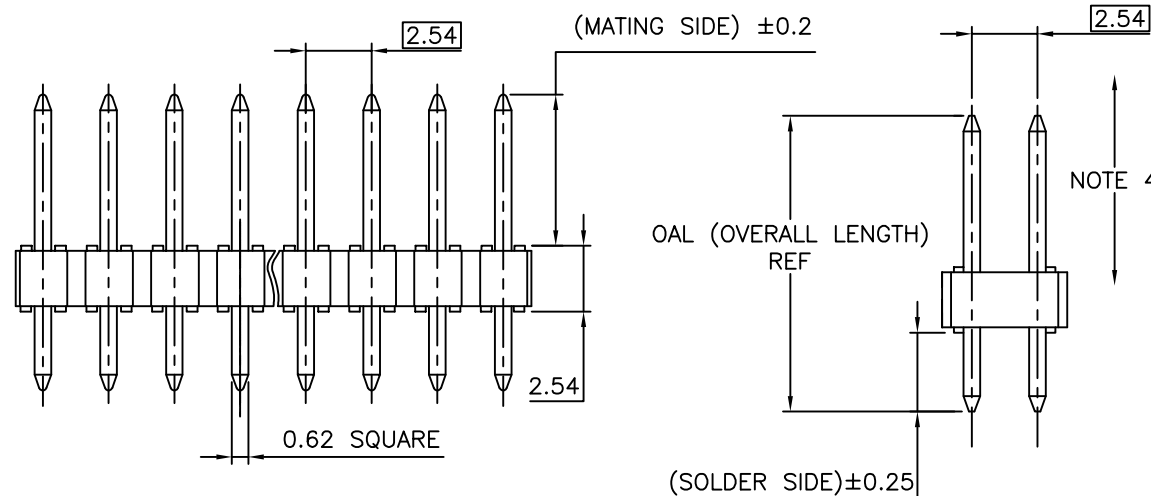
b - MANUFACTURING PROCESS COMPATIBILITY

- 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-22-008



BOTTOM VIEW

DELETED PIN
EXAMPLE

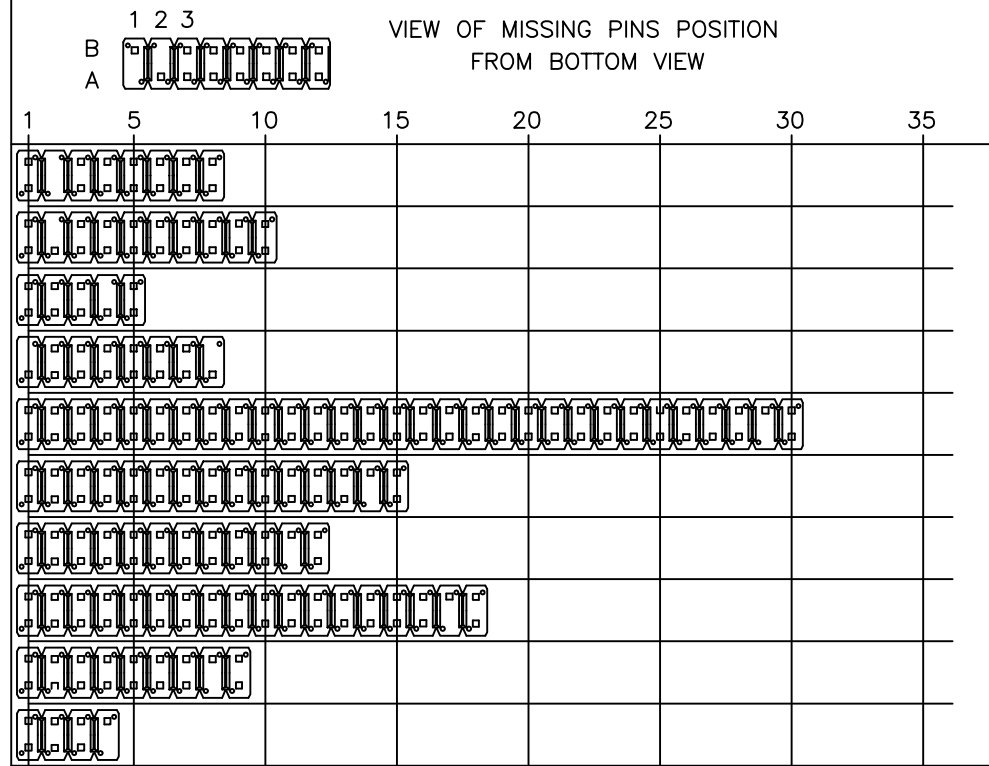
mat'l. code SEE P/N				surface ISO 1302 ✓			tolerance ISO 406 ISO 1101			projection 		product family BSTIK				
ltr	ecr	no	dr	date	tolerances unless otherwise specified			 mm scale 5:1			title HEADER STR,DR POL DUPLEX 2.54mm.					
BR	F11	0050	LMU	11.05.11	angles	linear	.X ±0.3				dwg no 77314 sheet 1 of 10 size A3					
BS	F12	0010	APA	12.02.01			.XX ±0.15 .XXX ±0.05									
																
BL	F08	0148	RTR	08.03.31	dr	G LEOTY		91.11.13			type CUSTOMER					
BM	F09	0218	LMU	09.11.16	enrg	J COMPAGNON		95.12.05			Drawing					
BN	F10	0042	LMU	10.09.08	chr	J COMPAGNON										
BP	F10	0252	JCO	10.11.30	appd	JMC		95.12.05								
sheet	revision			BS	AJ	AF	AF	AF	AH	AJ	W	H	A			
index	sheet			1	2	3	4	5	6	7	8	9	10			



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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
77314-4XXLF	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

77314-8XX	0.38μm Au/GXT	4μm SnPb
77314-4XX	4μm SnPb FULL PLATED	
77314-2XX	1.27μm Au	4μm SnPb
77314-1XX	0.76μm Au/GXT	4μm SnPb
77314-1XXS	0.76μm Au/GXT	GOLD FLASH
PLATING CODE	CONTACT AREA	REMAINDER
	PLATING THICKNESS OVER 1.27μm Ni	

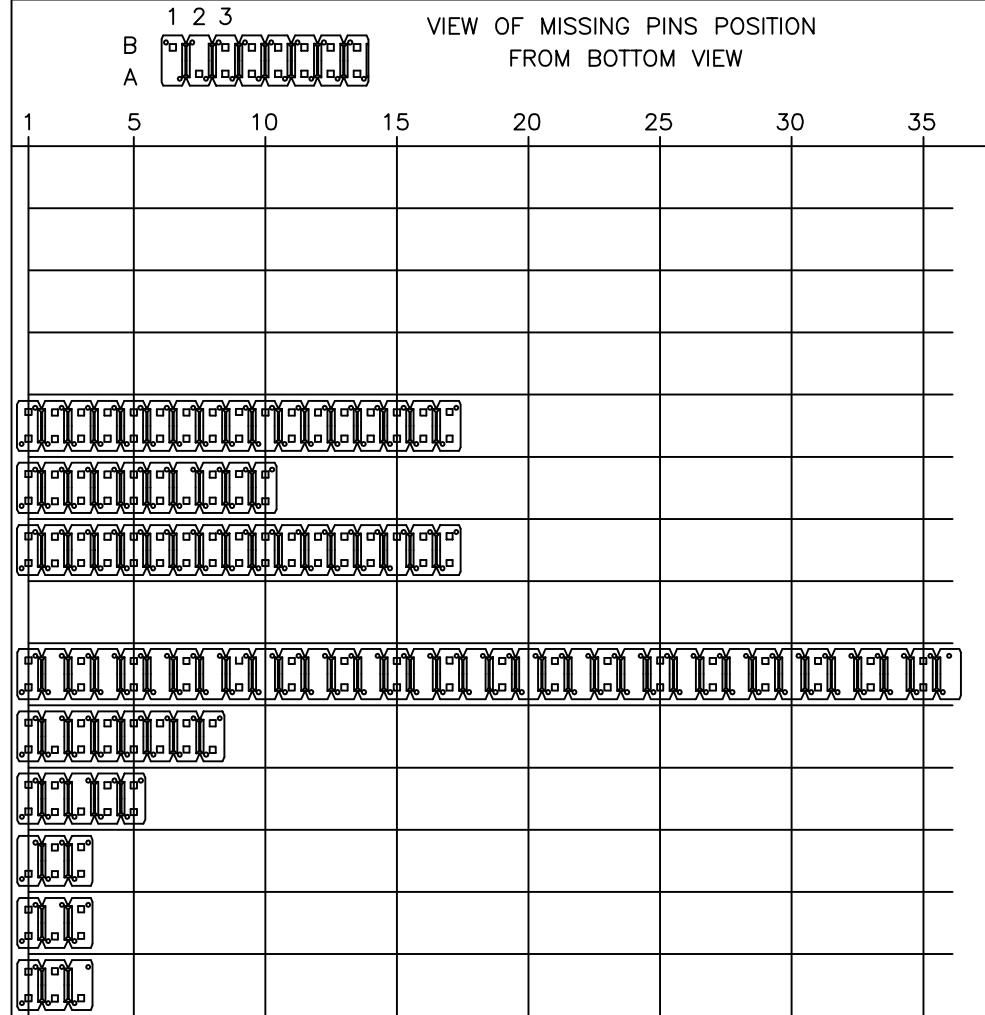
mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family BSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified		 mm scale 1:1	title
AH	F06-0196	LMU	06.06.20	angles	linear		HEADER,STR,DR
AJ	F08-0148	RTR	08.03.31				POL DUPLEX 2.54mm
AE	F10707	LMU	01.12.03	dr	G LEOTY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



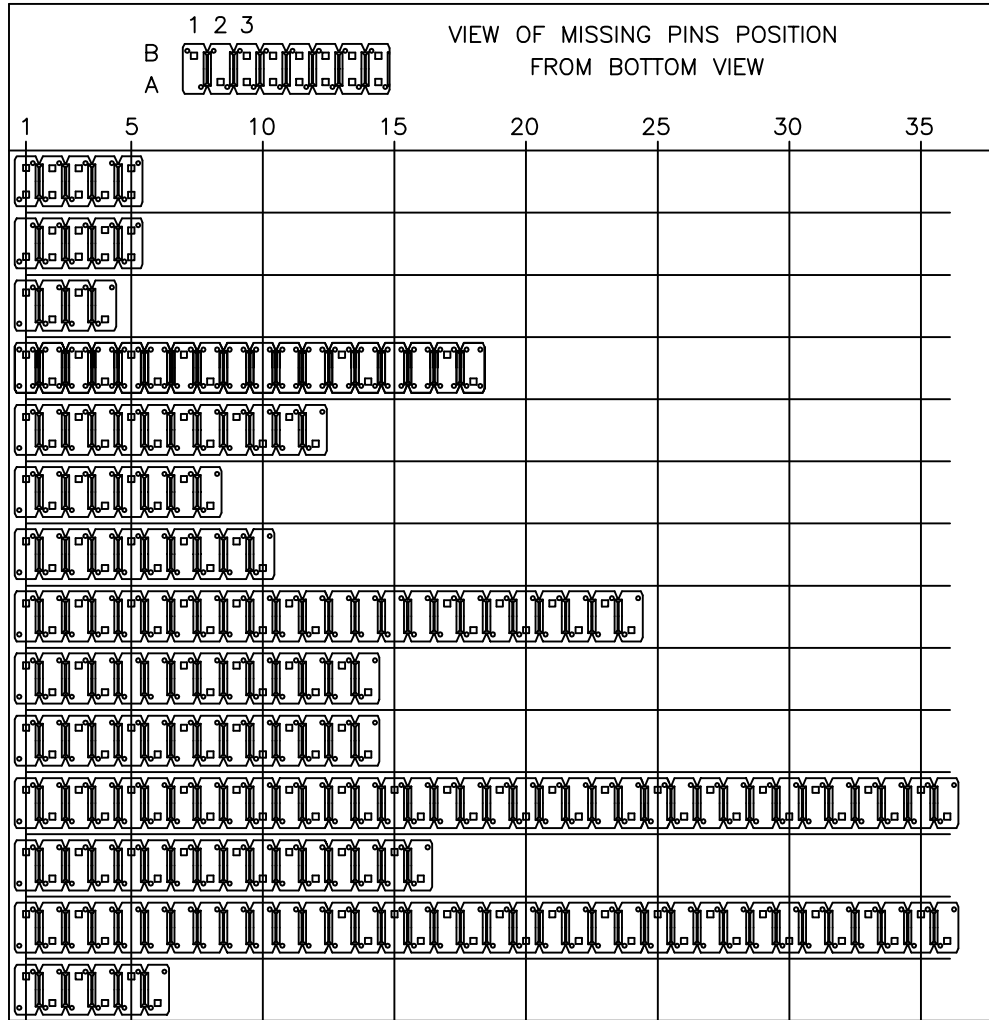
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ltr		ecn no		dr		date		title	
AB		F40235		JMC		94.02.25		HEADER,STR,DR	
AC		F30323		JMC		95.02.27		POL DUPLEX 2.54mm	
AD		F10707		LMU		01.12.03		scale 1:1	
AE		F20197		LMU		02.04.16		dr G LEOTY 91.11.13	
AF		F06-0196		LMU		06.06.20		enr PHAMVAN JM 95.02.27	
								chr COMPAGNON J 95.02.27	
								appd JMP 95.02.27	
sheet index		revision sheet						FCI	
								dwg no 77314 sheet 3 of - size A3	
								type CUSTOMER Drawing	




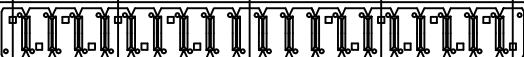




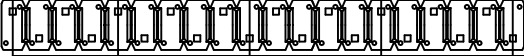

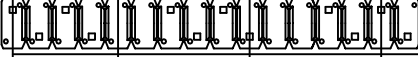
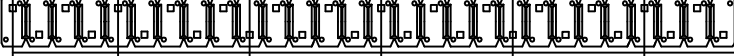
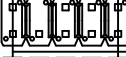
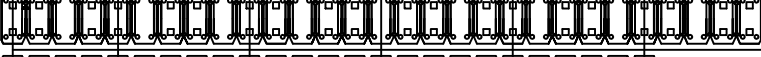



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PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
27	2X05	5.72	2.54	10.8
28	2X05	5.72	2.54	10.8
29	2X04	12.7	5.72	20.96
30	2X18	12.7	5.72	20.96
31	2X12	12.7	5.72	20.96
32	2X08	12.7	5.72	20.96
33	2X10	12.7	5.72	20.96
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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ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
AB	F40235	JMC	94.02.25	angles	linear	mm		HEADER,STR,DR	
AC	F30323	JMC	95.02.27			scale 1:1		POL DUPLEX 2.54mm	
AD	F10707	LMU	01.12.03					dwg no	
AE	F20197	LMU	02.04.16	dr	G LEOTY	91.11.13	sheet 4 of - size		
AF	F06-0196	LMU	06.06.20	enrg	PHAMVAN JM	95.02.27	77314 A3		
				chr	COMPAGNON J	95.02.27	type CUSTOMER Drawing		
				appd	JMP	95.02.27			
sheet index	revision sheet								

1		2		3		4		5		6		
A	PIN STYLE	PRODUCT DEFINITION				VIEW OF MISSING PINS POSITION FROM BOTTOM VIEW						
		POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF	<div>1 2 3</div> <div>B</div> <div>A</div> <div></div>						
	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								
B												
C												
	D											

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mat'l. code				surface <input checked="" type="checkbox"/> ISO 1302		tolerance <input checked="" type="checkbox"/> ISO 406 <input checked="" type="checkbox"/> ISO 1101		projection 		product family BSTIK	
lfr	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							POL DUPLEX 2.54mm	
AD	F10707	LMU	01.12.03					scale 1:1		dwg no	
AE	F20197	LMU	02.04.16	dr	G LEOTY	91.11.13			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			type		Drawing
				appd	JMP	95.02.27					
sheet index	revision sheet										

form: A3

1

2

3

4

5

6

PDM: Rev:BS

STATUS:Released

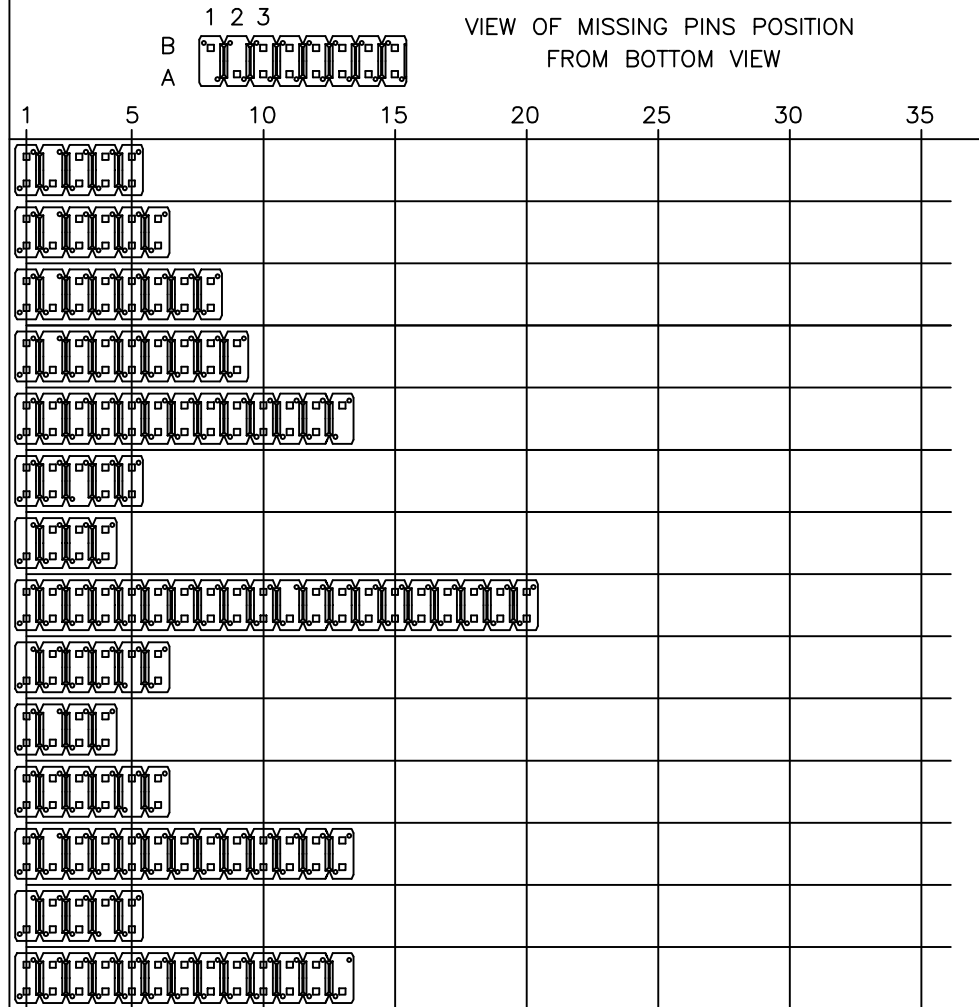
Printed: Feb 09, 2012




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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



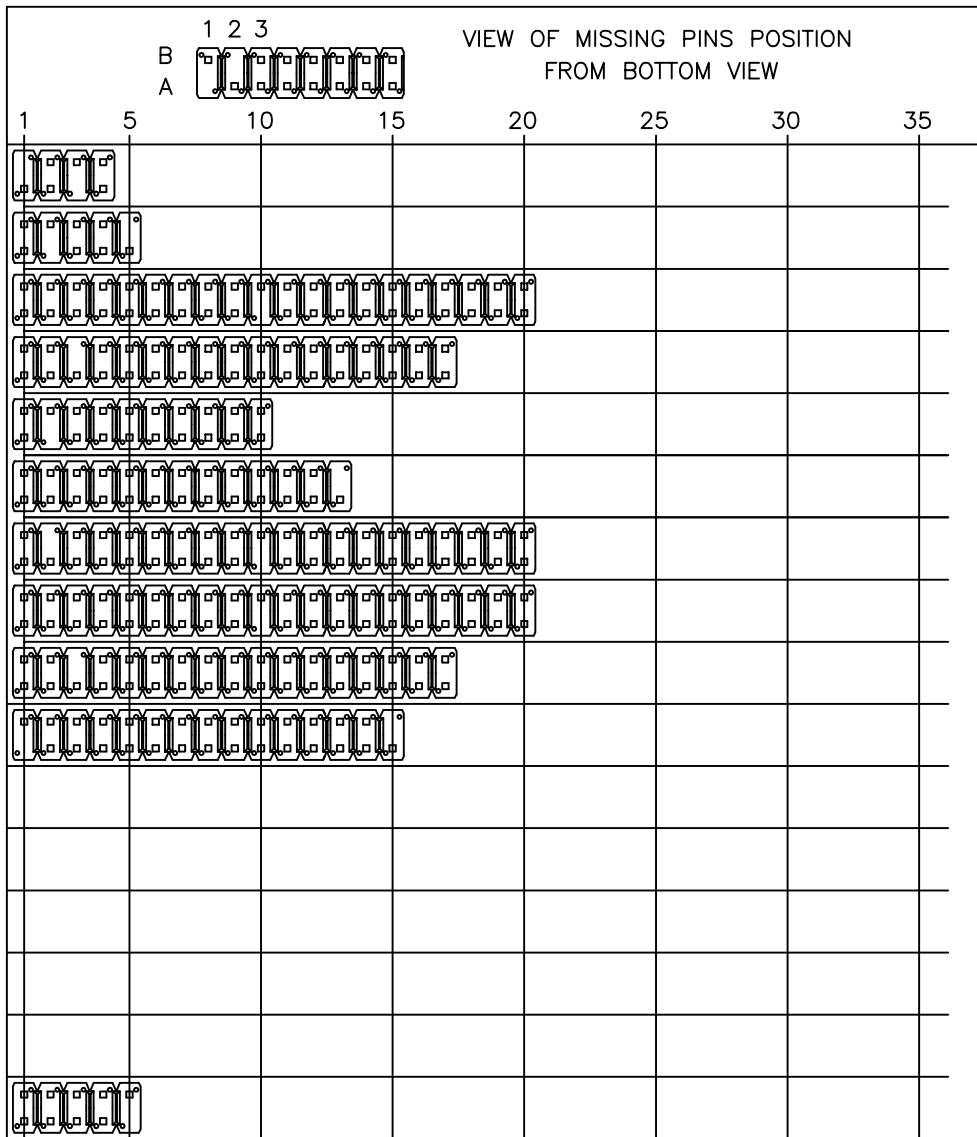
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ltr				ecn no		dr		date		title	
AB				F40235		JMC		94.02.25		HEADER,STR,DR	
AC				F30323		JMC		95.02.27		POL DUPLEX 2.54mm	
AD				F70430		JMC		97.06.02		dwg no	
AE				F00100		LMU		00.01.11		sheet 6 of -	
AF				F10707		LMU		01.12.03		size	
AG				F20197		LMU		02.04.16		A3	
AH				F06-0196		LMU		06.06.20		77314	
sheet				revision						type	
index				sheet						CUSTOMER Drawing	



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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



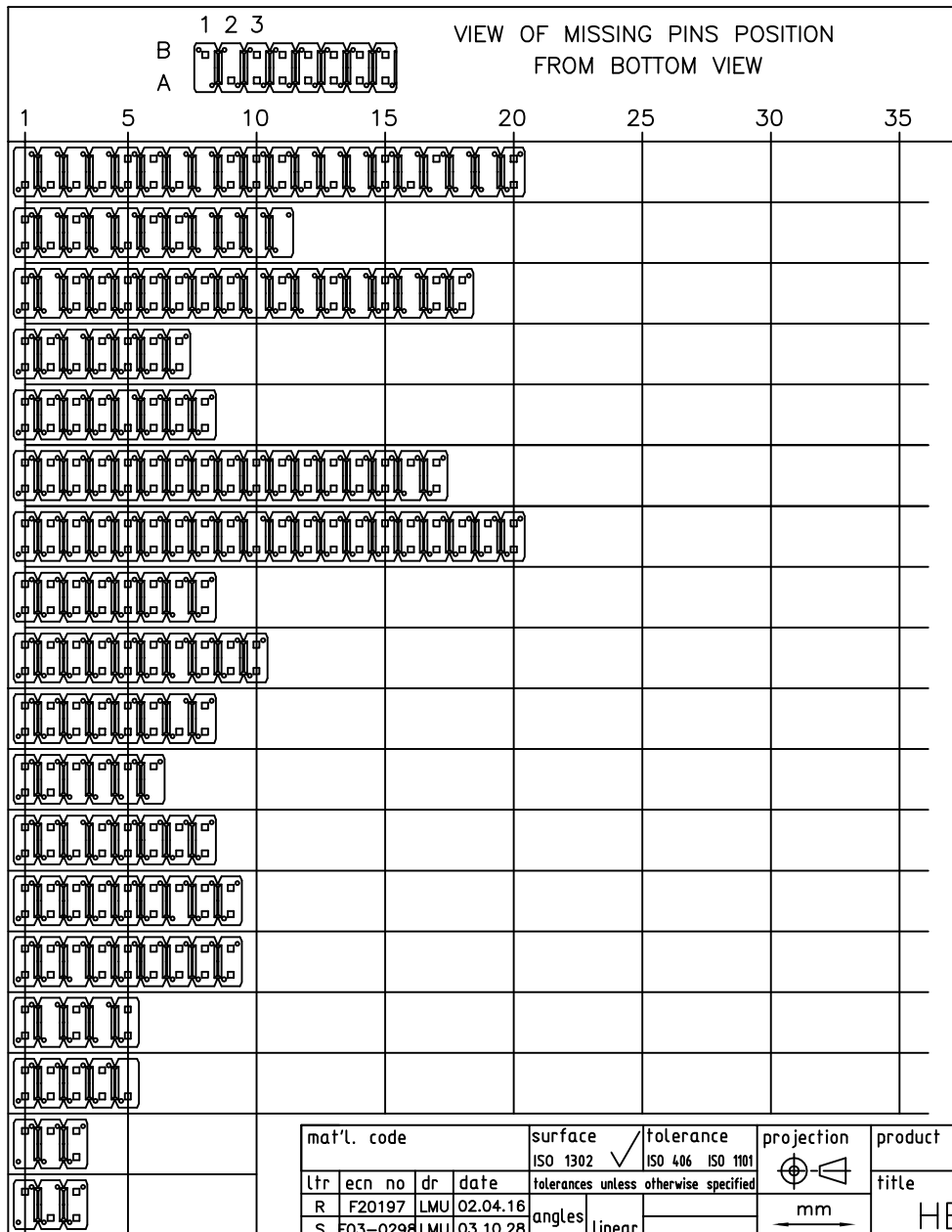
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ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
AJ	F06-0196	LMU	06.06.20	angles	linear	scale 1:1		HEADER,STR,DR POL DUPLEX 2.54mm	
AD	F50246	JMC	95.04.03					dwg no 77314 sheet 7 of - size A3	
AE	F50625	JMC	95.08.26	dr	G LEOTY	91.11.13	FCI		
AF	F50916	JMC	95.12.05	engr	COMPAGNON J	95.12.05			
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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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	tolerance ISO 406 ISO 1101	projection 	product family BSTIK	
ltr	ecn	no	dr	date	angles	linear	title HEADER,STR,DR POL DUPLEX 2.54mm	
R	F20197	LMU		02.04.16			dwg no 77314	
S	F03-0298	LMU		03.10.28			sheet 8 of A3	
T	F04-0137	LMU		04.02.12			type CUSTOMER	
U	F06-0117	LMU	dr	06.01.30	O. MATHEVON	96.08.28	Drawing	
V	F06-0196	LMU	enr	06.06.20	J. COMPAGNON	96.08.28		
W	F09-0218	LMU	chr	09.11.16	J. COMPAGNON	96.08.28		
			appd	JMC		96.08.28		
sheet index	revision sheet							

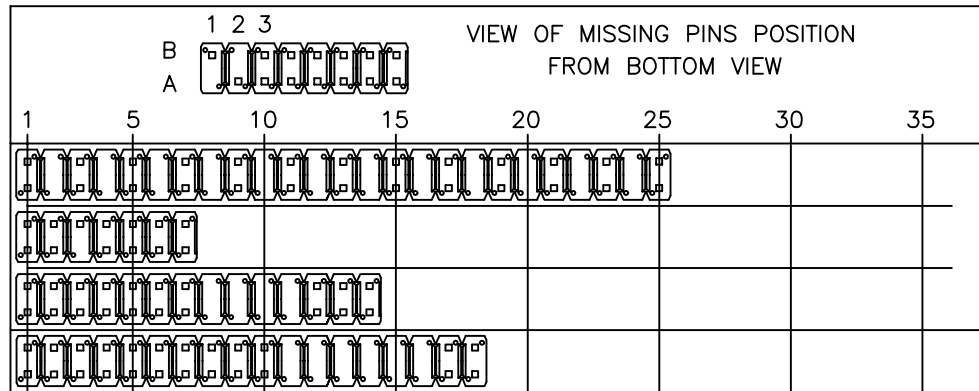
form: A3

PDM: Rev:BS

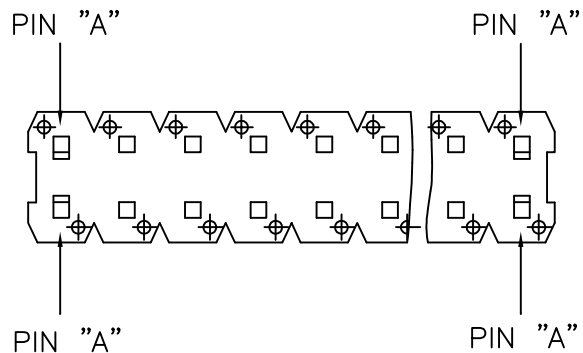
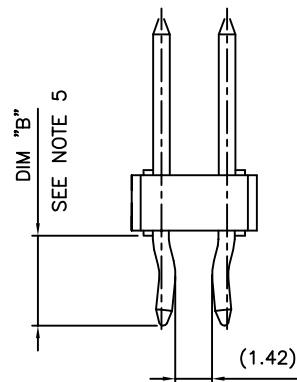
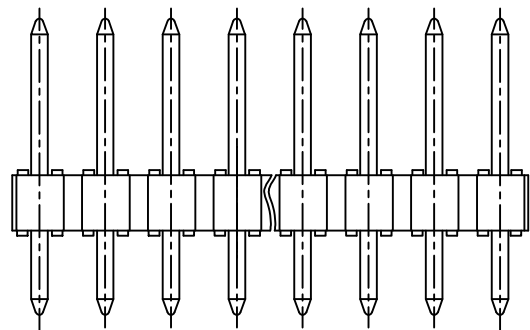
STATUS:Released

Printed: Feb 09, 2012

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



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					
C	F10707	LMU	01.12.03			scale N/A	 dwg no 77314 sheet 9 of size A3 type CUSTOMER Drawing			
D	F06-0196	LMU	06.06.20	dr	J COMPAGNON	95.08.26				
E	F10-0042	LMU	10.09.08	enr	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-YYY
- 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		BSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
A	F10-0042	LMU	10.09.08	angles			mm	HEADER,STR,DR	
				linear			scale N/A	POL DUPLEX 2.54mm	
				dr	L.MULIN	10.04.30		dwg no	sheet 10 of
				enr	JMC	10.04.30		77314	size
				chr					A3
				appd	JMC	10.04.30		type	CUSTOMER Drawing
sheet index	revision sheet								