

PRODUCT NUMBER

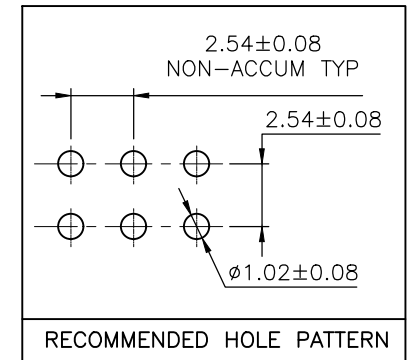
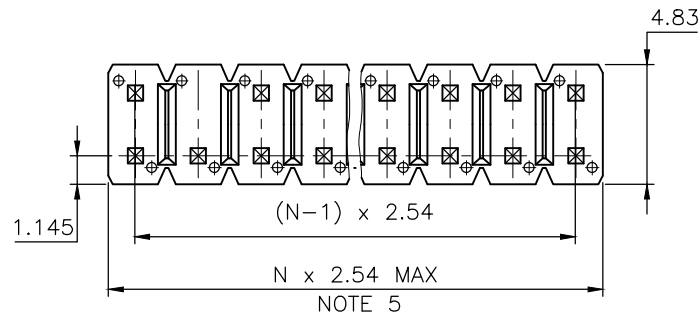
77314-YXXXLF

RoHS COMPATIBLE
SEE NOTE 8

OPTION LETTER
SEE NOTE 7 & SHEET 9

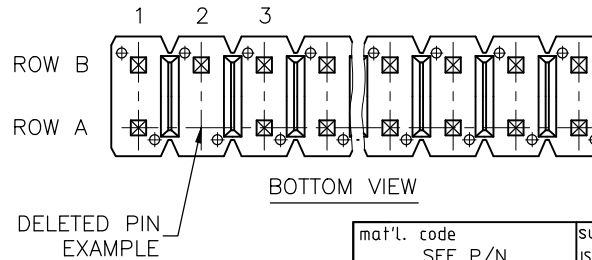
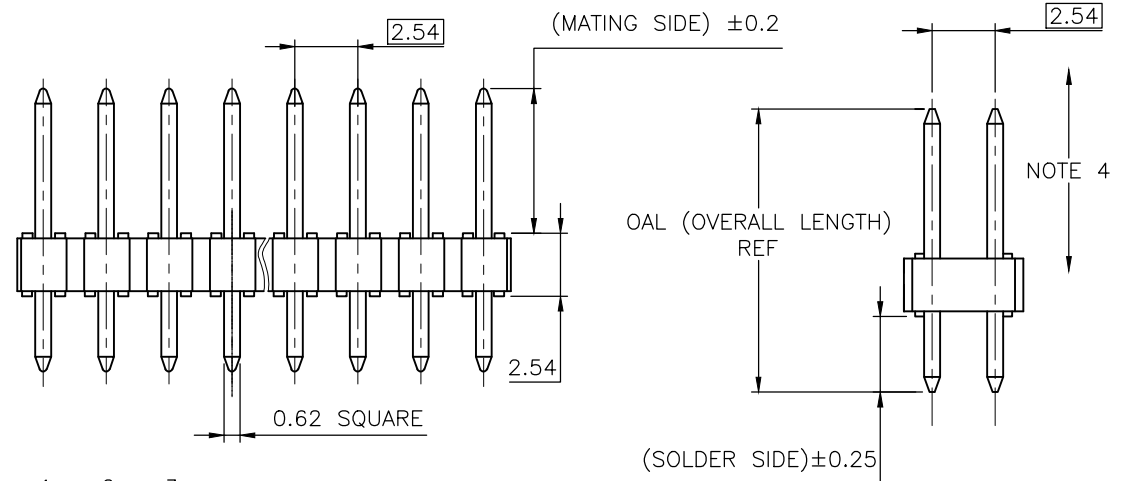
PIN STYLE SEE SHEET 2 TO 8

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 ecn no dr date	tolerances unless otherwise specified	linear .X ± 0.3 .XX ± 0.15 .XXX ± 0.05	scale 5:1	title HEADER STR,DR POL DUPLEX 2.54mm.
BR F11-0050 LMU 11.05.11	angles			dwg no
BS F12-0010 APA 12.02.01				sheet 1 of 10 size
BT B-16702 JCO 14.01.08	dr G LEOTY	91.11.13		77314 A3
BU B-18917 LMU 14.09.26	enr J COMPAGNON	95.12.05		type CUSTOMER Drawing
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	BV AK AF AF AF AH AJ W K A		
sheet index	sheet	1 2 3 4 5 6 7 8 9 10		

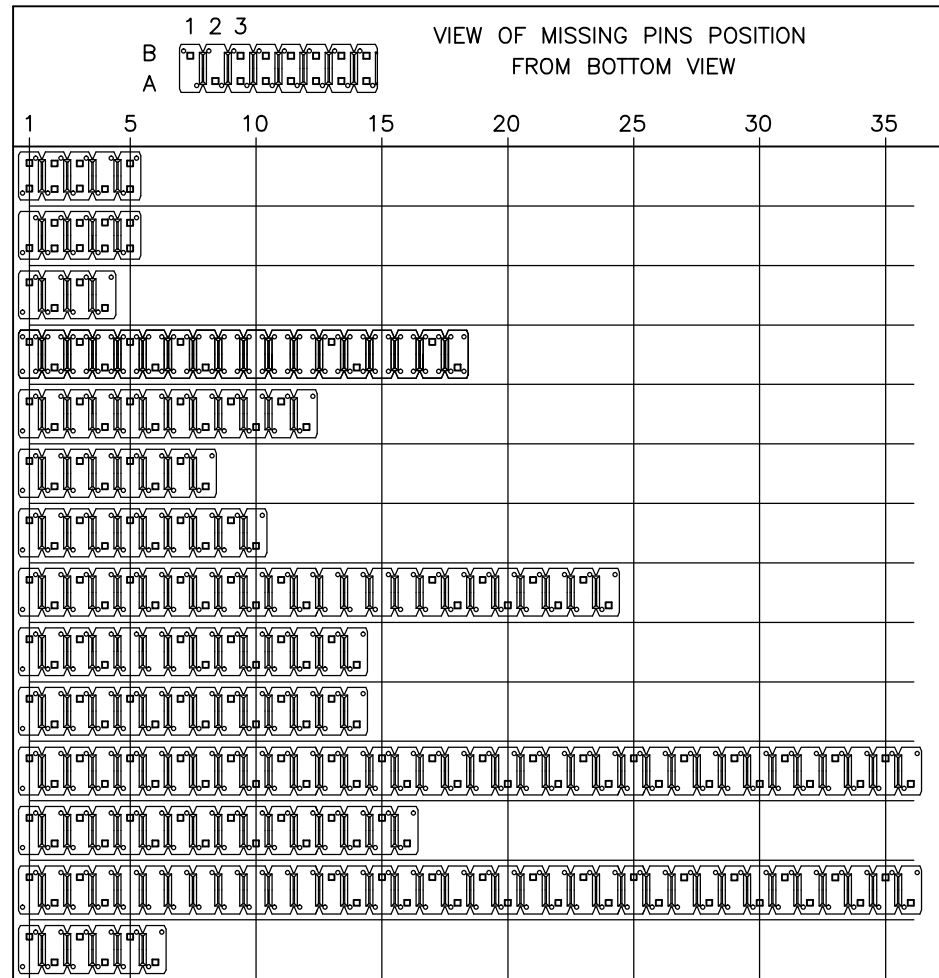
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
01	2X08	5.72	2.54	10.8
02	2X10	5.84	3.05	11.5
04	2X05	5.72	3.05	11.3
05	2X08	5.84	3.42	11.8
06	2X30	5.72	2.54	10.8
07	2X16	5.72	2.54	10.8
08	2X12	5.72	2.54	10.8
09	2X18	5.72	2.54	10.8
10	2X09	5.72	2.54	10.8
11	2X04	5.72	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			projection 		product family BSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		77314			
AH	F06-0196	LMU	06.06.20	angles	linear		mm		HEADER,STR,DR			
AJ	F08-0148	RTR	08.03.31				scale 1:1		POL DUPLEX 2.54mm			
AE	F10707	LMU	01.12.03	dr	G LEOTY	91.11.13			dwg no			
AF	F20197	LMU	02.04.16	enr	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											

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 scale 1:1		title HEADER,STR,DR POL DUPLEX 2.54mm	
AB	F40235	JMC	94.02.25					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								

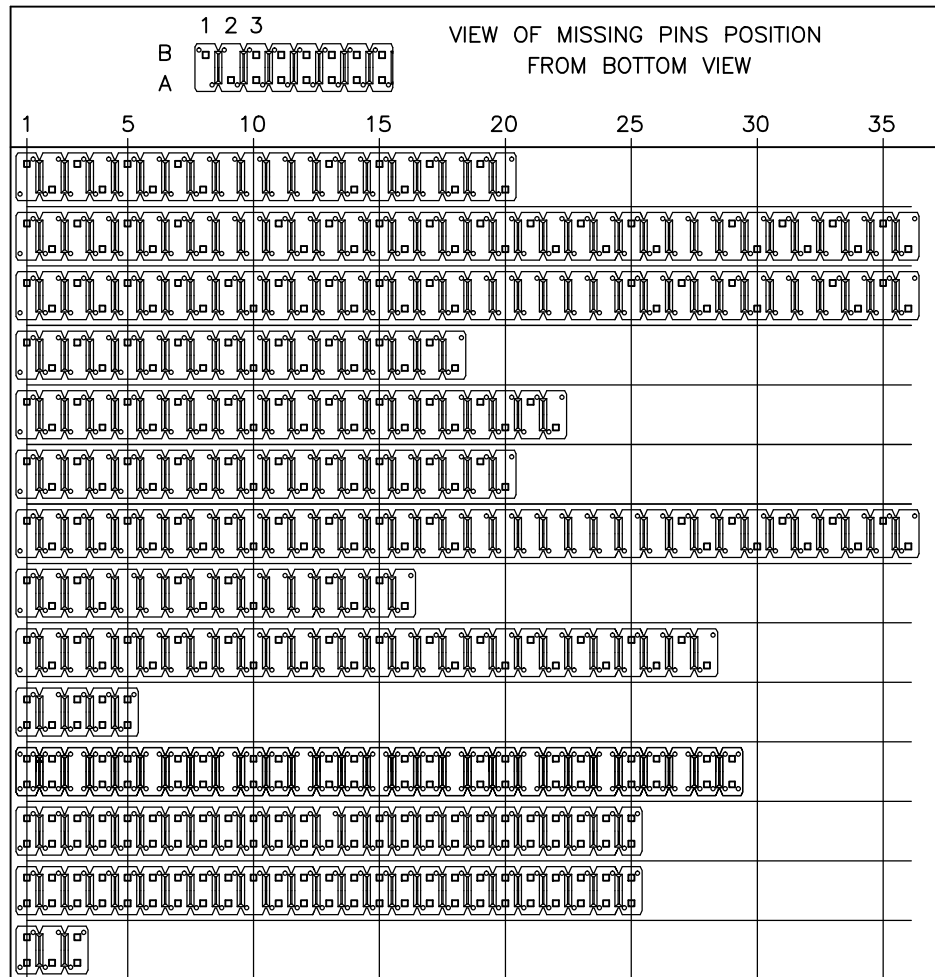


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form: A3

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



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								
AB	F40235	JMC	94.02.25	angles	linear												
AC	F30323	JMC	95.02.27														
AD	F10707	LMU	01.12.03														
AE	F20197	LMU	02.04.16	dr	G LEOTY	91.11.13				dwg no		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											
				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	ecr no	dr	date	tolerances unless otherwise specified			title
AB	F40235	JMC	94.02.25	angles linear			HEADER,STR,DR
AC	F30323	JMC	95.02.27				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						

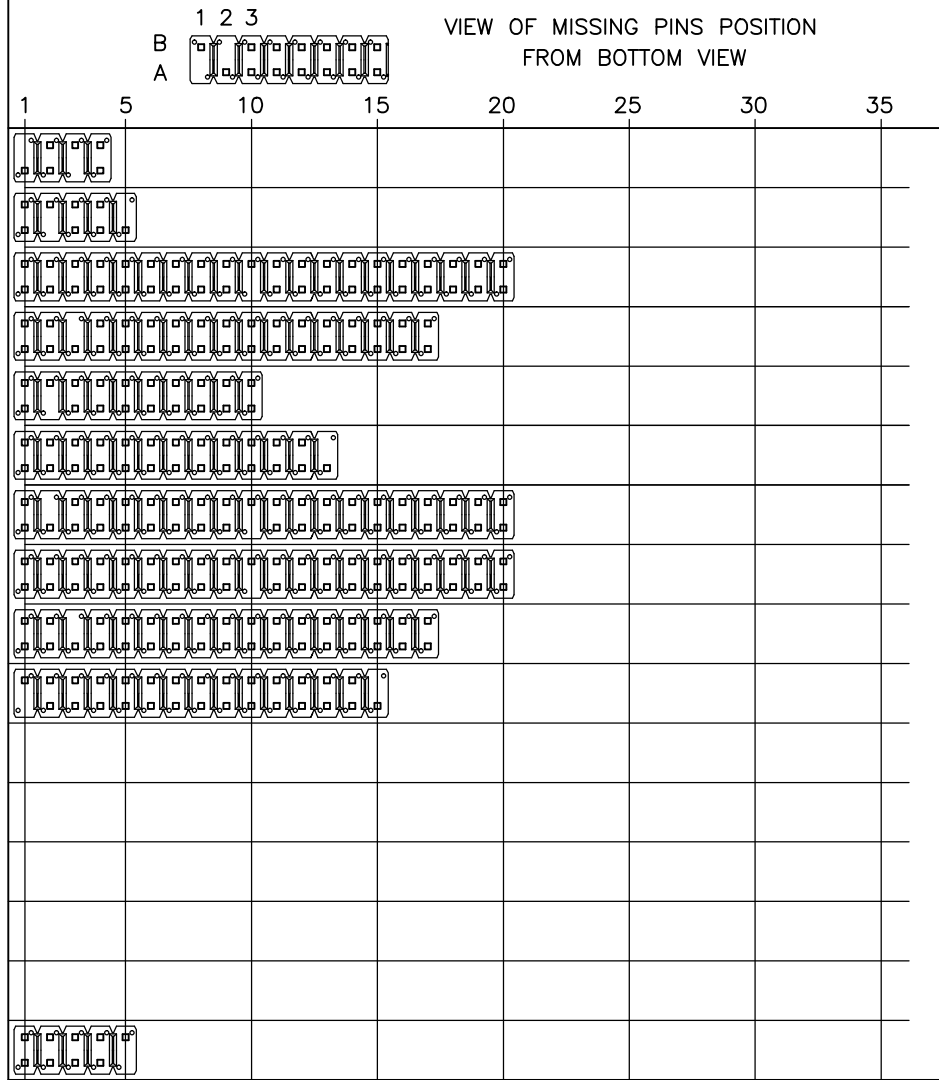


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form: A3

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	mm	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		dwg no
AF	F50916	JMC	95.12.05	engr	COMPAGNON J		sheet 7 of - size
AG	F10707	LMU	01.12.03	chr			77314 A3
AH	F20197	LMU	02.04.16	appd	JMC		type CUSTOMER Drawing
sheet	revision						
index	sheet						



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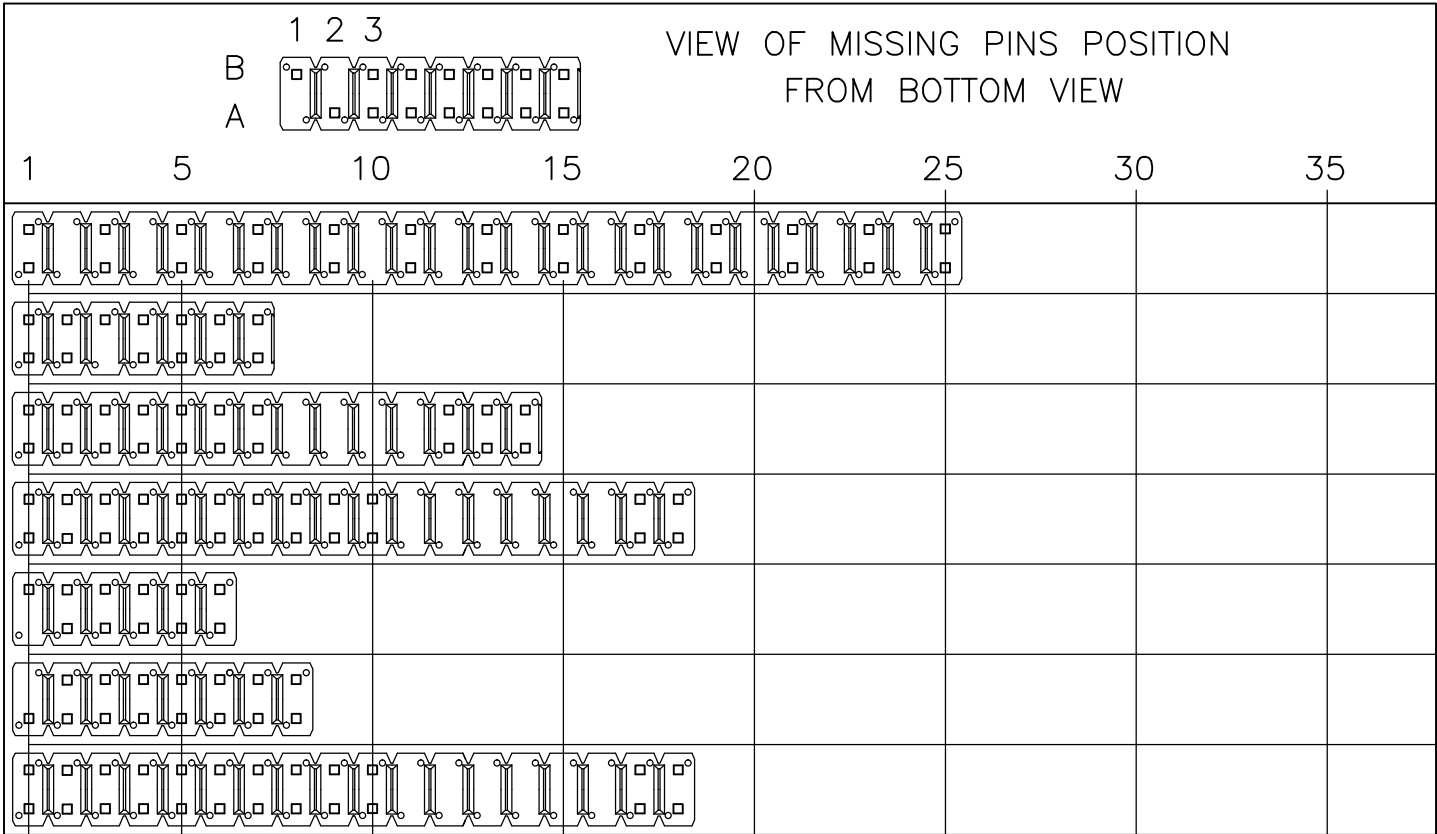
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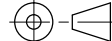
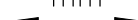
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
85	2X20	5.72	2.54	10.8
86	2X11	5.72	2.54	10.8
87	2X18	5.72	3.05	11.3
88	2X07	5.72	3.05	11.3
89	2X08	5.72	3.05	11.3
90	2X17	6.6	2.66	11.82
91	2X20	6.75	2.90	12.2
92	2X08	5.72	3.05	11.3
93	2X10	5.72	2.54	10.8
94	2X08	5.84	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			
R	F20197	LMU	02.04.16	angles	linear	mm	POL DUPLEX 2.54mm			
S	F03-0298	LMU	03.10.28			scale N/A	dwg no			
T	F04-0137	LMU	04.02.12				sheet 8 of			
U	F06-0117	LMU	06.01.30	dr	O. MATHEVON	96.08.28	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	type			
				appd	JMC	96.08.28	CUSTOMER Drawing			
sheet index	revision 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

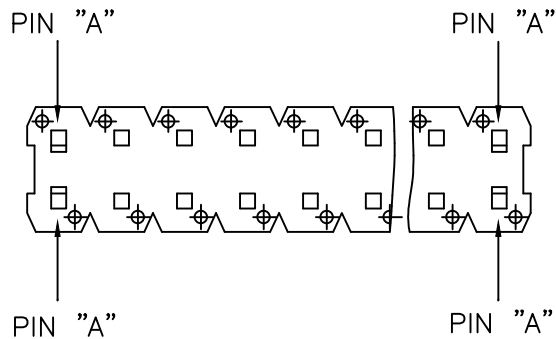
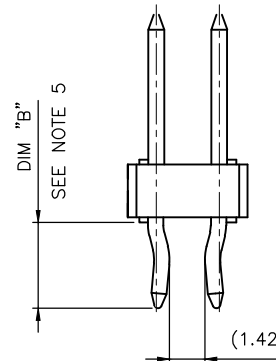
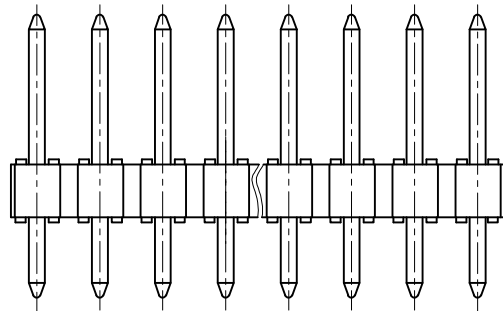


mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK									
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title HEADER,STR,DR POL DUPLEX 2.54mm									
H	F12-0010	APA	12.02.01	angles	linear			mm											
J	B-16702	JCO	14.01.08										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