

PRODUCT NUMBER

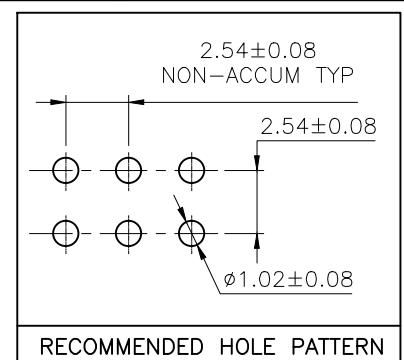
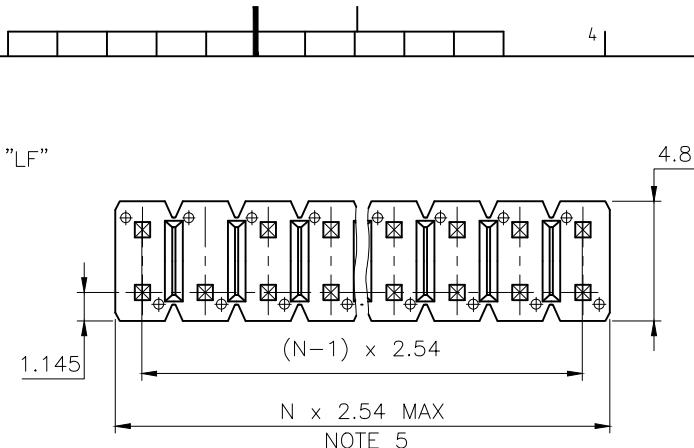
77314-YXXXLF

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:

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.

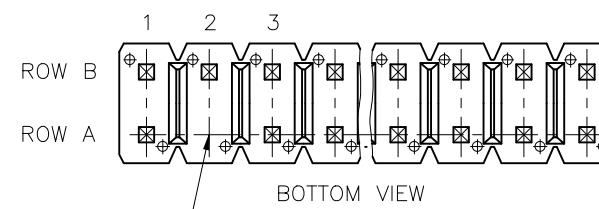
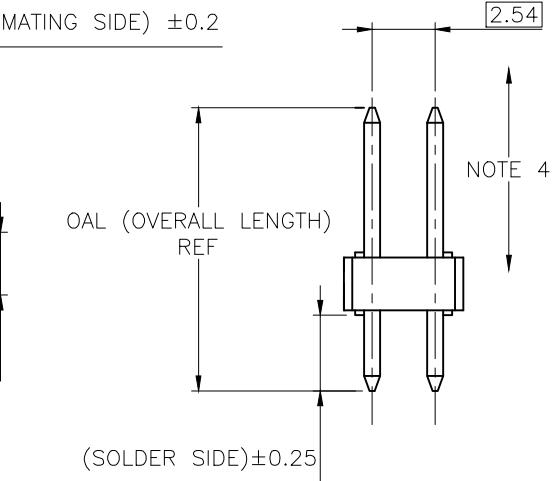
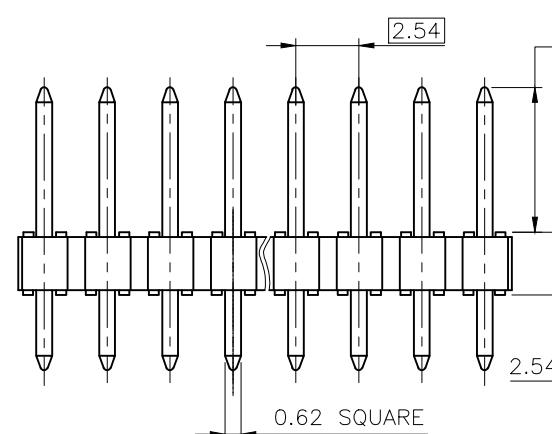
b - MANUFACTURING PROCESS COMPATIBILITY

- 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

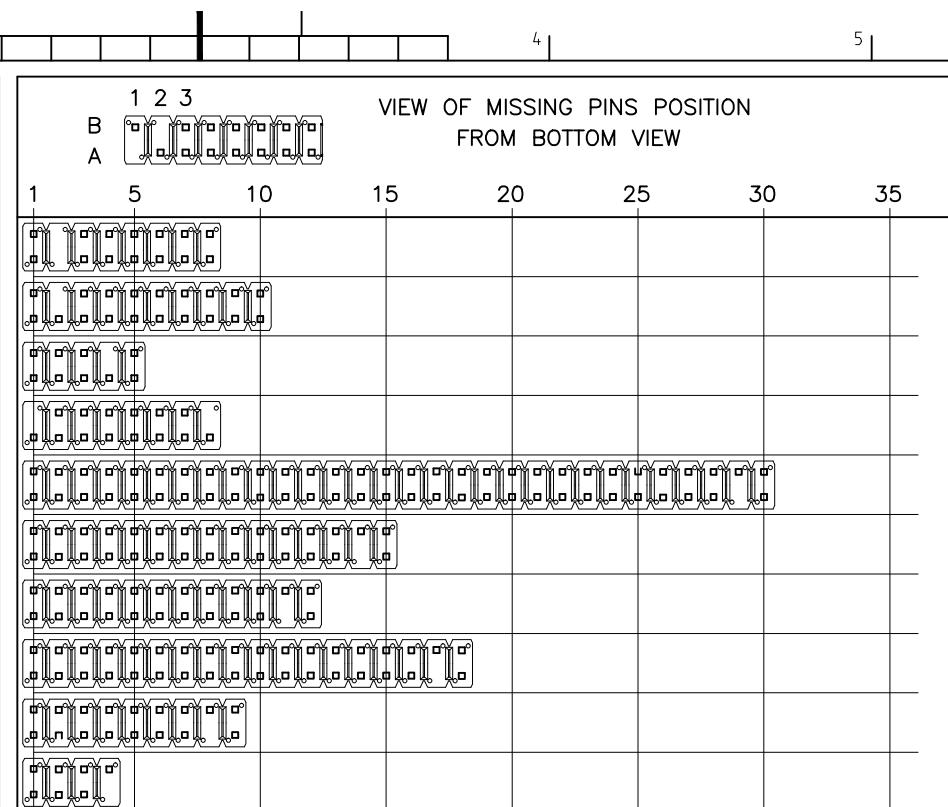


DELETED PIN
EXAMPLE

mat'l. code SEE P/N			surface	tolerance	projection	product family
ltr	ecn no	dr	ISO 1302	✓ ISO 406 ISO 1101		
BR	F11-005	LMU	11.05.11	tolerances unless otherwise specified		
BS	F12-001	APA	12.02.01	angles x ±0.3	mm	
BT	B-16702	JCO	14.01.08	linear xx ±0.15		
				xxx ±0.05	scale 5:1	
			dr	G LEOTY 91.11.13		
BM	F09-0218	LMU	09.11.16	engr J COMPAGNON 95.12.05		
BN	F10-0042	LMU	10.09.08	chr J COMPAGNON		
BP	F10-0252	JCO	10.11.30	appd JMC 95.12.05		
sheet	revision	BT AJ AF AF AF AH AJ W J A				
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



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

1

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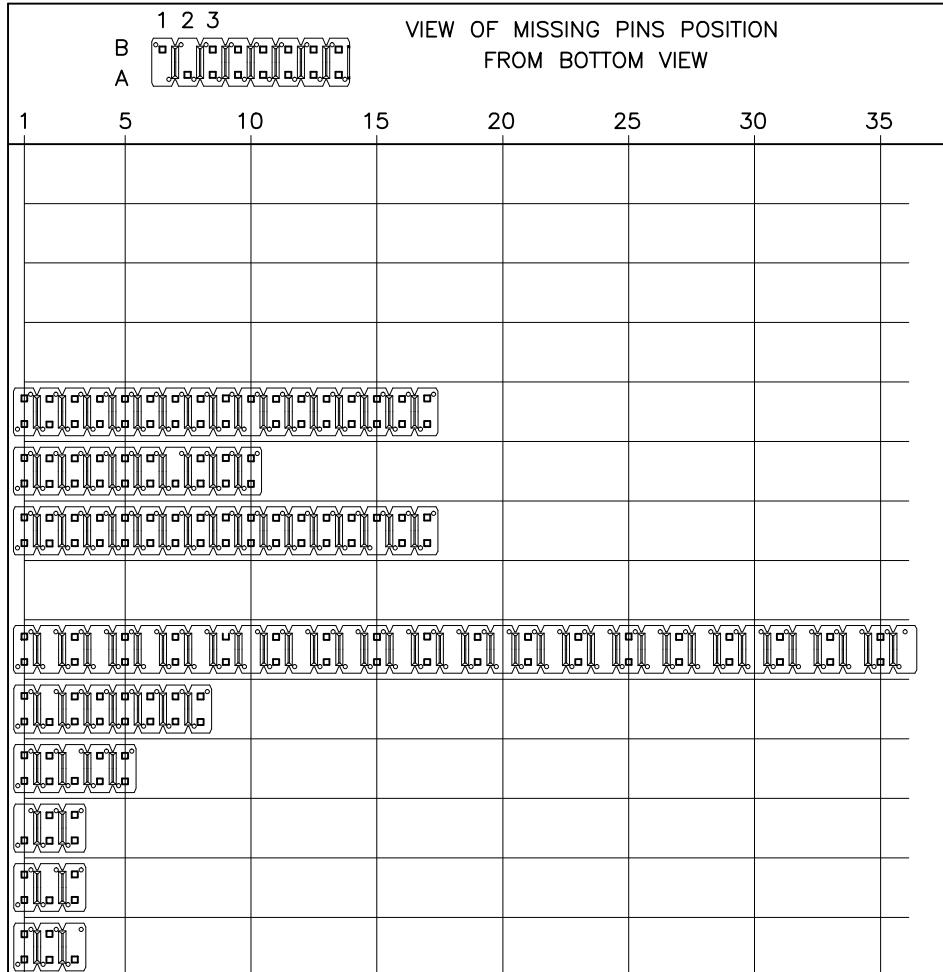
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PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
13				
14				
15				
16				
17	2X17	5.72	3.42	10.8
18	2X10	5.72	2.54	10.8
19	2X17	5.72	2.54	10.8
20				
21	2X36	5.72	2.54	10.8
22	2X08	5.72	2.54	10.8
23	2X05	5.72	2.54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



mat'l. code				surface tolerance			tolerance			projection	product family	
ltr	ecn no	dr	date	ISO 1302			ISO 406 ISO 1101				BERGSTIK	
AB	F40235	JMC	94.02.25	tolerances unless otherwise specified								
AC	F30323	JMC	95.02.27	angles			linear					
AD	F10707	LMU	01.12.03									
AE	F20197	LMU	02.04.16	dr			G LEOY					
AF	F06-0196	LMU	06.06.20	G LEOY			91.11.13					
				engr			PHAMVAN JM					
				chr			95.02.27					
				COMPAGNON J			95.02.27					
				appd			JMP					
				95.02.27								

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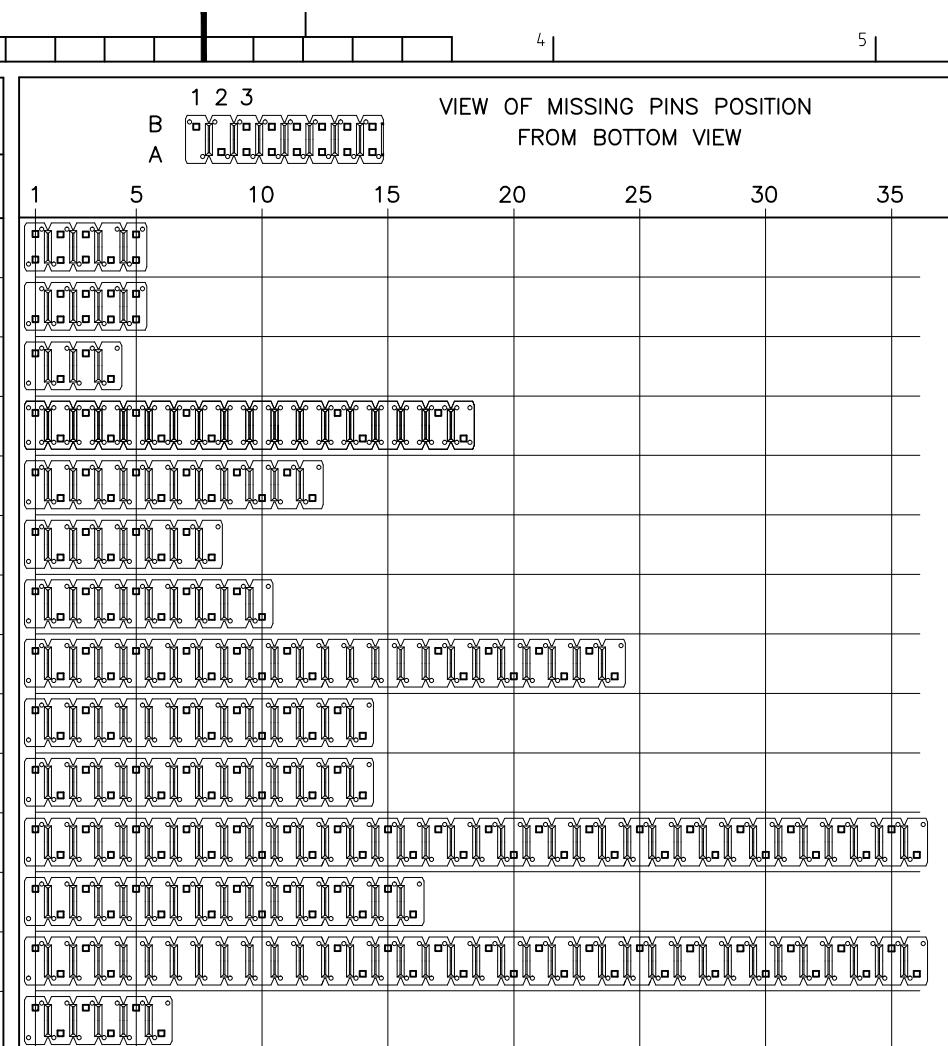
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PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
27	2X05	5.72	2.54	10.8
28	2X05	5.72	2.54	10.8
29	2X04	12.7	5.72	20.96
30	2X18	12.7	5.72	20.96
31	2X12	12.7	5.72	20.96
32	2X08	12.7	5.72	20.96
33	2X10	12.7	5.72	20.96
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



mat'l. code				surface tolerance			projection	product family
ltr	ecn no	dr	date	ISO 1302	✓	ISO 406 ISO 1101		
AB	F40235	JMC	94.02.25	tolerances unless otherwise specified				
AC	F30323	JMC	95.02.27	angles				
AD	F10707	LMU	01.12.03	linear				
AE	F20197	LMU	02.04.16	dr	G LEOTY	91.11.13		
AF	F06-0196	LMU	06.06.20	engr	PHAMVAN JM	95.02.27		
				chr	COMPAGNON J	95.02.27		
				appd	JMP	95.02.27		
sheet index		revision sheet						

Copyright FCI

title **HEADER,STR,DR POL DUPLEX 2.54mm**

dwg no **77314** A3

type **CUSTOMER** Drawing

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PIN STYLE	PRODUCT DEFINITION				VIEW OF MISSING PINS POSITION FROM BOTTOM VIEW
	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 tolerance			projection	product family
ltr	ecn no	dr	date	ISO 1302			ISO 406 ISO 1101	
AB	F40235	JMC	94.02.25	tolerances unless otherwise specified				
AC	F30323	JMC	95.02.27	angles				
AD	F10707	LMU	01.12.03	linear				
AE	F20197	LMU	02.04.16	dr	G LEOTY	91.11.13		
AF	F06-0196	LMU	06.06.20	engr	PHAMVAN JM	95.02.27		
				chr	COMPAGNON J	95.02.27		
				appd	JMP	95.02.27		
sheet index		revision sheet						

FCI

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HEADER,STR,DR
POL DUPLEX 2.54mm

dwg no 77314 A3

type CUSTOMER Drawing

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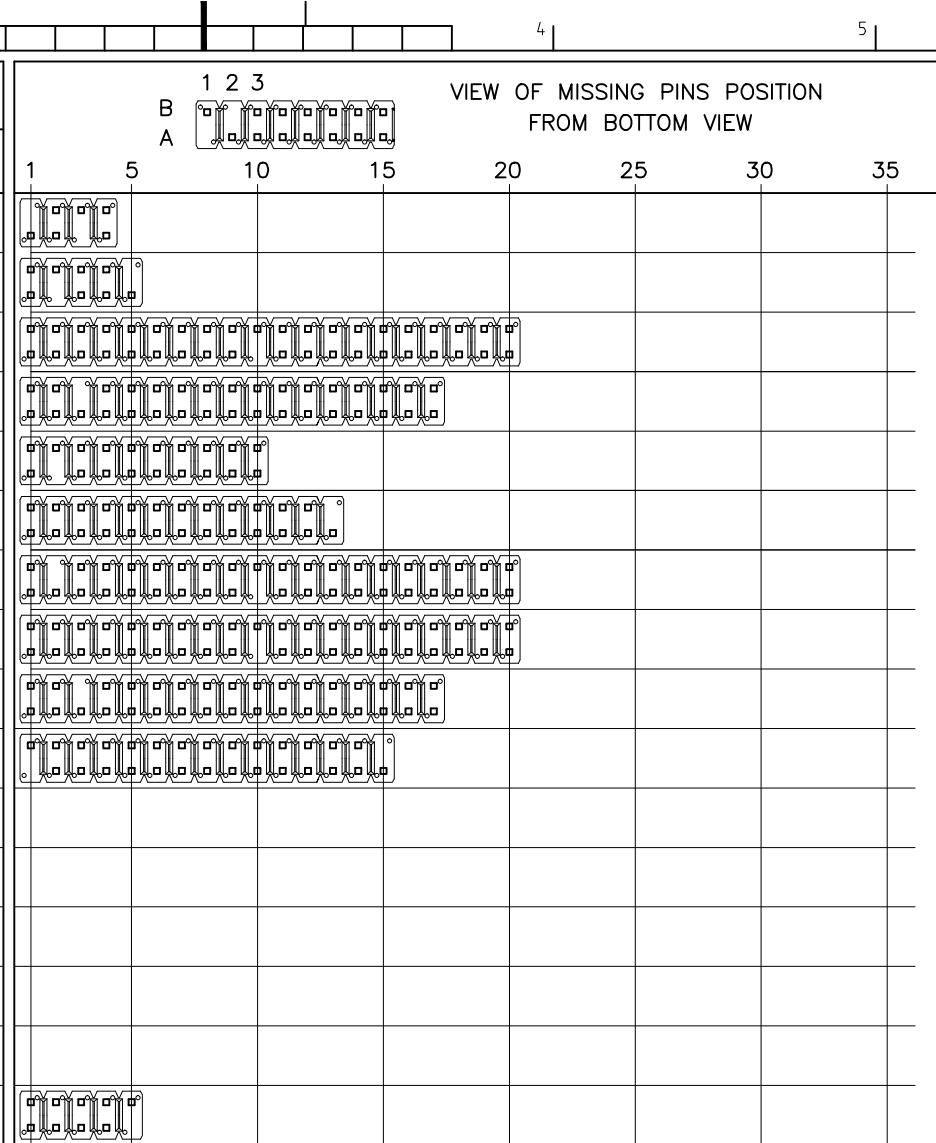
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PIN STYLE	PRODUCT DEFINITION				VIEW OF MISSING PINS POSITION FROM BOTTOM VIEW
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF	
55	2X05	5.84	3.42	11.8	
56	2X06	5.84	3.42	11.8	
57	2X08	5.84	3.42	11.8	
58	2X09	5.84	3.42	11.8	
59	2X13	5.84	3.42	11.8	
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	

mat'l. code				surface		tolerance		projection	product family
ltr	ecn no	dr	date	ISO 1302		ISO 406	ISO 1101		
AB	F40235	JMC	94.02.25	tolerances unless otherwise specified					
AC	F30323	JMC	95.02.27	angles	linear				
AD	F70430	JMC	97.06.02						
AE	F00100	LMU	00.01.11	dr	G LEOTY	91.11.13			
AF	F10707	LMU	01.12.03	engr	PHAMVAN JM	95.02.27			
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



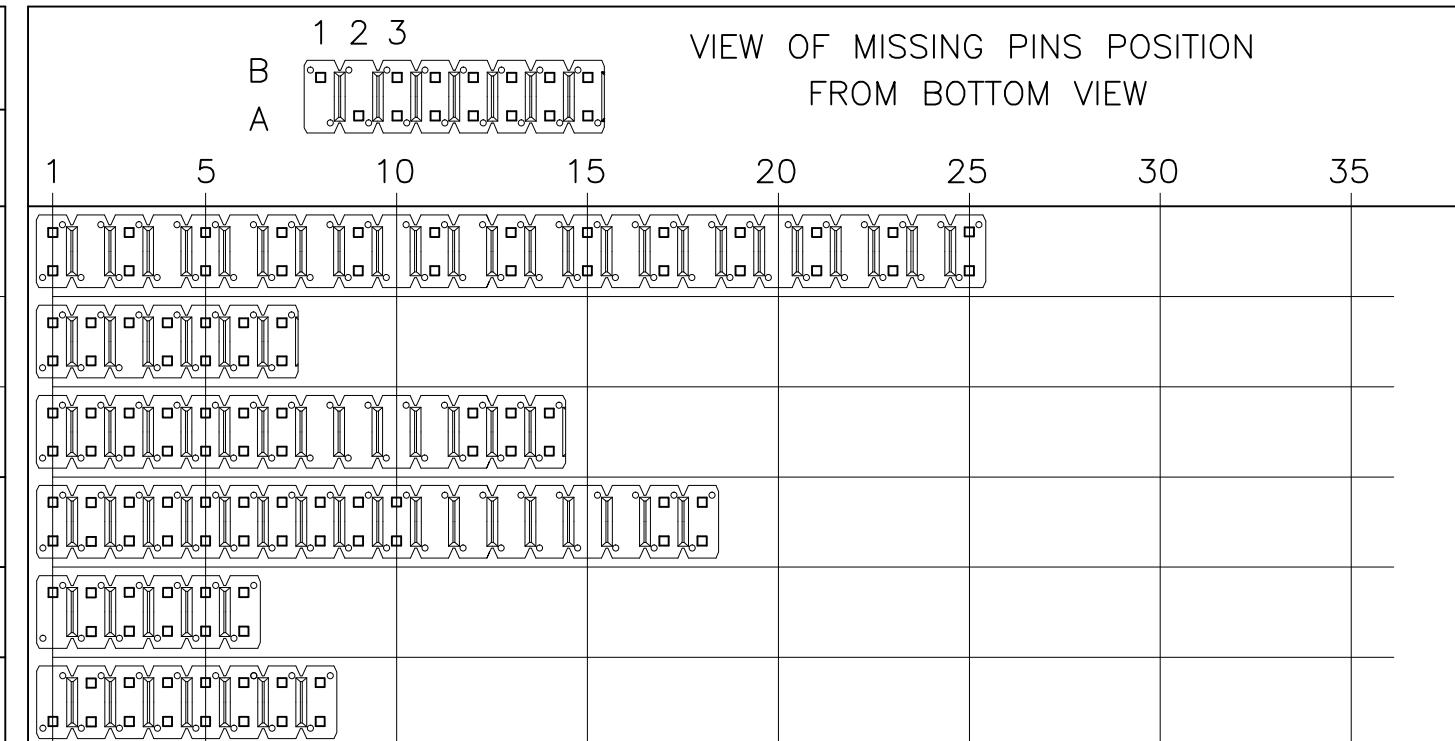
mat'l. code				surface	tolerance	projection	product family		
				ISO 1302	✓ ISO 406 ISO 1101		BSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title HEADER,STR,DR POL DUPLEX 2.54mm		
AJ	F06-0196	LMU	06.06.20	angles		mm			
AD	F50246	JMC	95.04.03	linear		scale 1:1			
AE	F50625	JMC	95.08.26	dr	G LEOTY	91.11.13			
AF	F50916	JMC	95.12.05	engr	COMPAGNON J	95.12.05	dwg no	sheet 7 of -	size
AG	F10707	LMU	01.12.03	chr				77314	A3
AH	F20197	LMU	02.04.16	appd	JMC	95.12.05	type	CUSTOMER	Drawing
sheet	revision								
index	sheet								

PIN STYLE	PRODUCT DEFINITION				VIEW OF MISSING PINS POSITION FROM BOTTOM VIEW												
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF	1	2	3	B	A	1	5	10	15	20	25	30	35
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			tolerance		projection	product family
ltr	ecn no	dr	date	ISO 1302			ISO 406	ISO 1101		
R	F20197	LMU	02.04.16	tolerances unless otherwise specified						
S	F03-0298	LMU	03.10.28	angles						
T	F04-0137	LMU	04.02.12		linear					
U	F06-0117	LMU	06.01.30	dr	O. MATHEVON	96.08.28				
V	F06-0196	LMU	06.06.20	engr	J. COMPAGNON	96.08.28				
W	F09-0218	LMU	09.11.16	chr	J. COMPAGNON	96.08.28				
				appd	JMC	96.08.28				
				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



mat'l. code				surface		tolerance	projection	product family
ISO 1302				ISO 406 ISO 1101				bstik
ltr	ecn no	dr	date	tolerances unless otherwise specified				
H	F12-0010	APA	12.02.01	angles			mm	
J	B-16702	JCO	14.01.08		linear			
							scale N/A	
D	F10-707	LMU	06.06.20	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				
G	F11-0050	LMU	11.05.11	appd	JMC	95.08.26		
sheet index		revision sheet						

