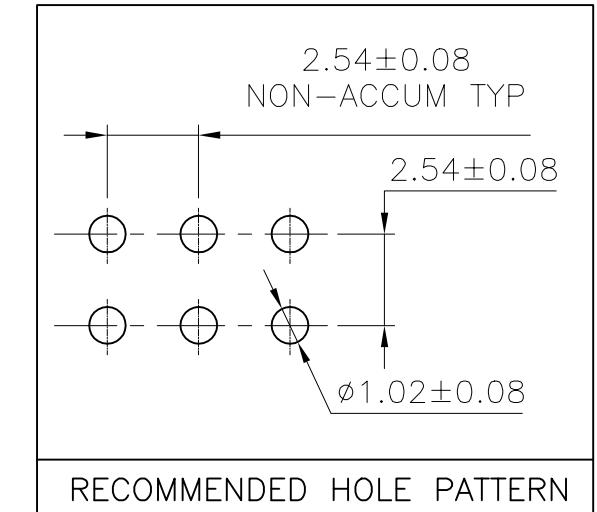
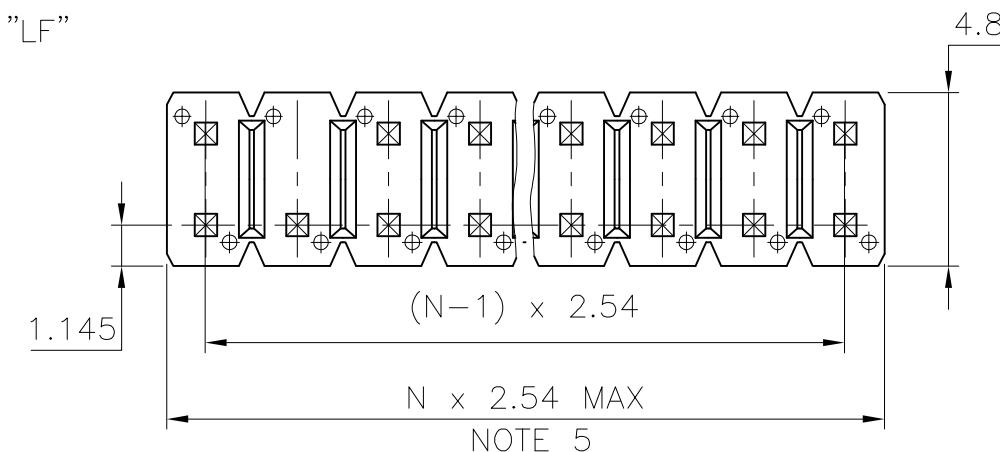


PRODUCT NUMBER

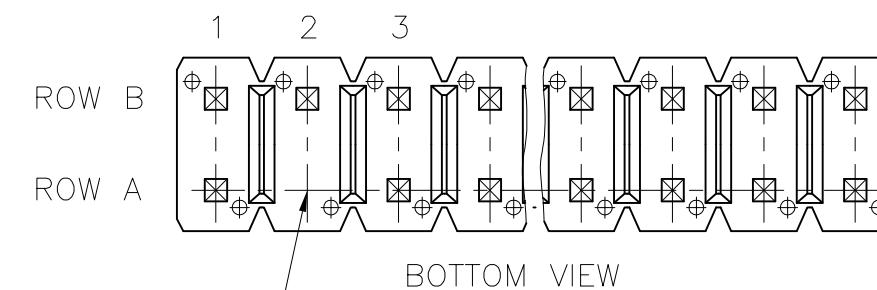
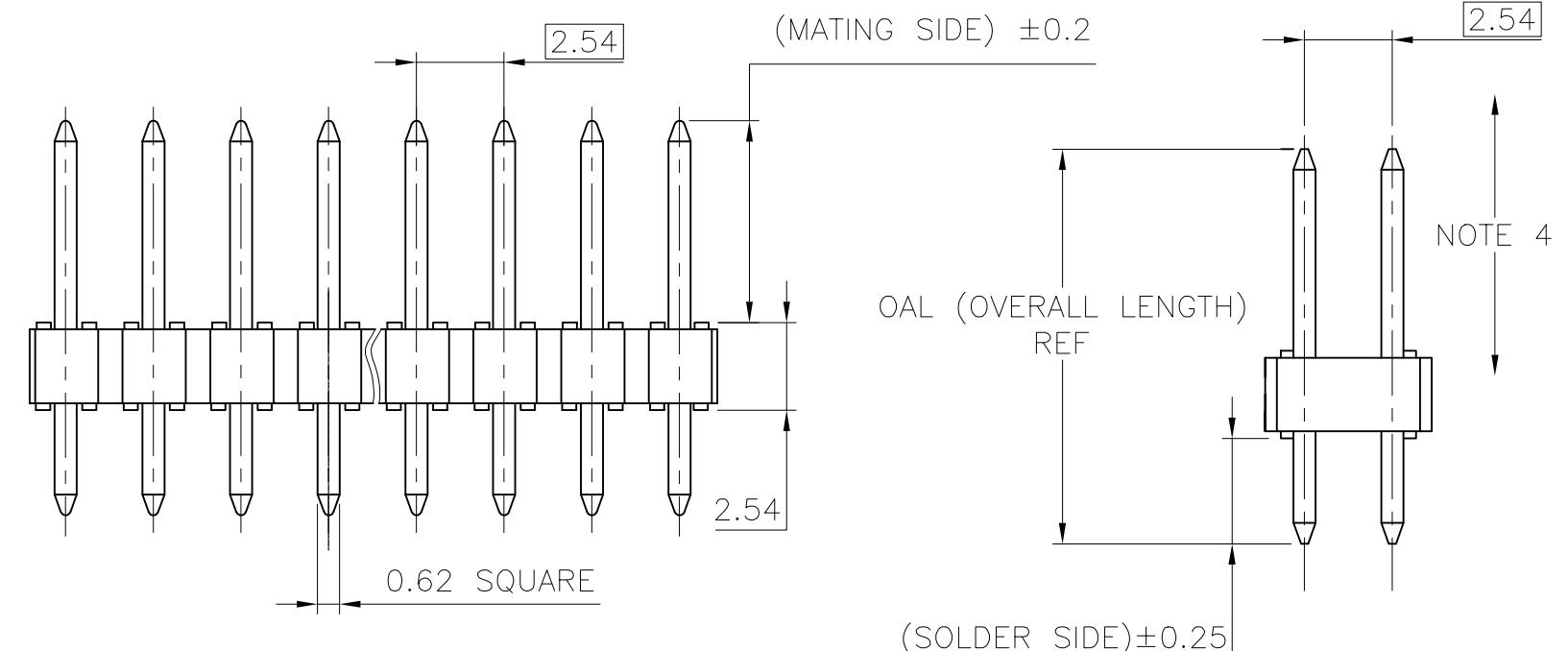
77314-YXXXLF

- 1 WHEN REQUIRED, ADD SUFFIX LETTER "LF" INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 8
- 2 OPTION LETTER SEE NOTE 7 & SHEET 9
- 3 PIN STYLE SEE SHEET 2 TO 8
- 4 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-22-008



DELETED PIN EXAMPLE

BOTTOM VIEW

ROW B

ROW A

1 2 3

0.62 SQUARE

2.54

2.54

2.54

2.54

N x 2.54 MAX

(N-1) x 2.54

1.145

4.83

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

1

5

6

4

3

2

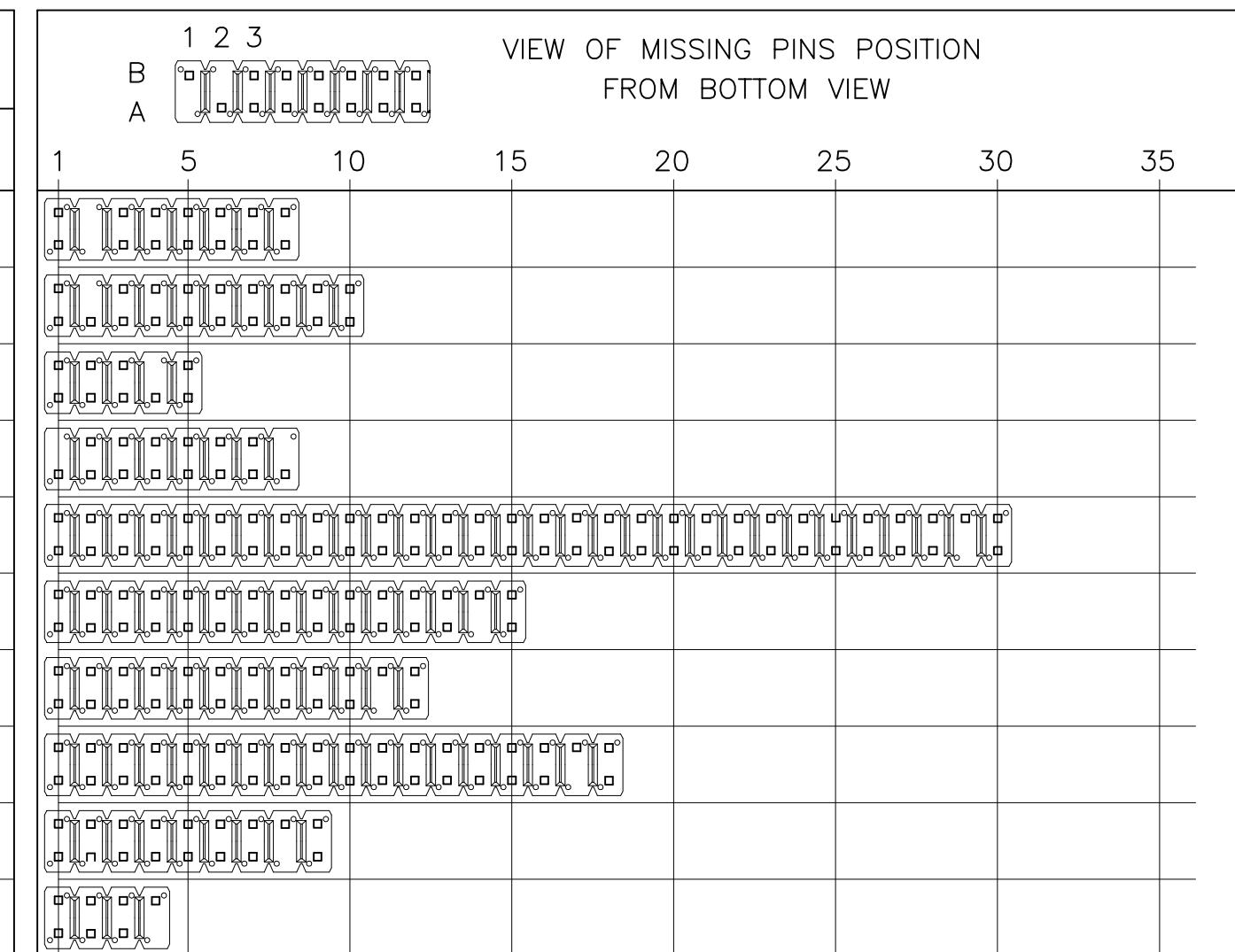
1

5

<p

1 | 2 3 | 4 | 5 | 6

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

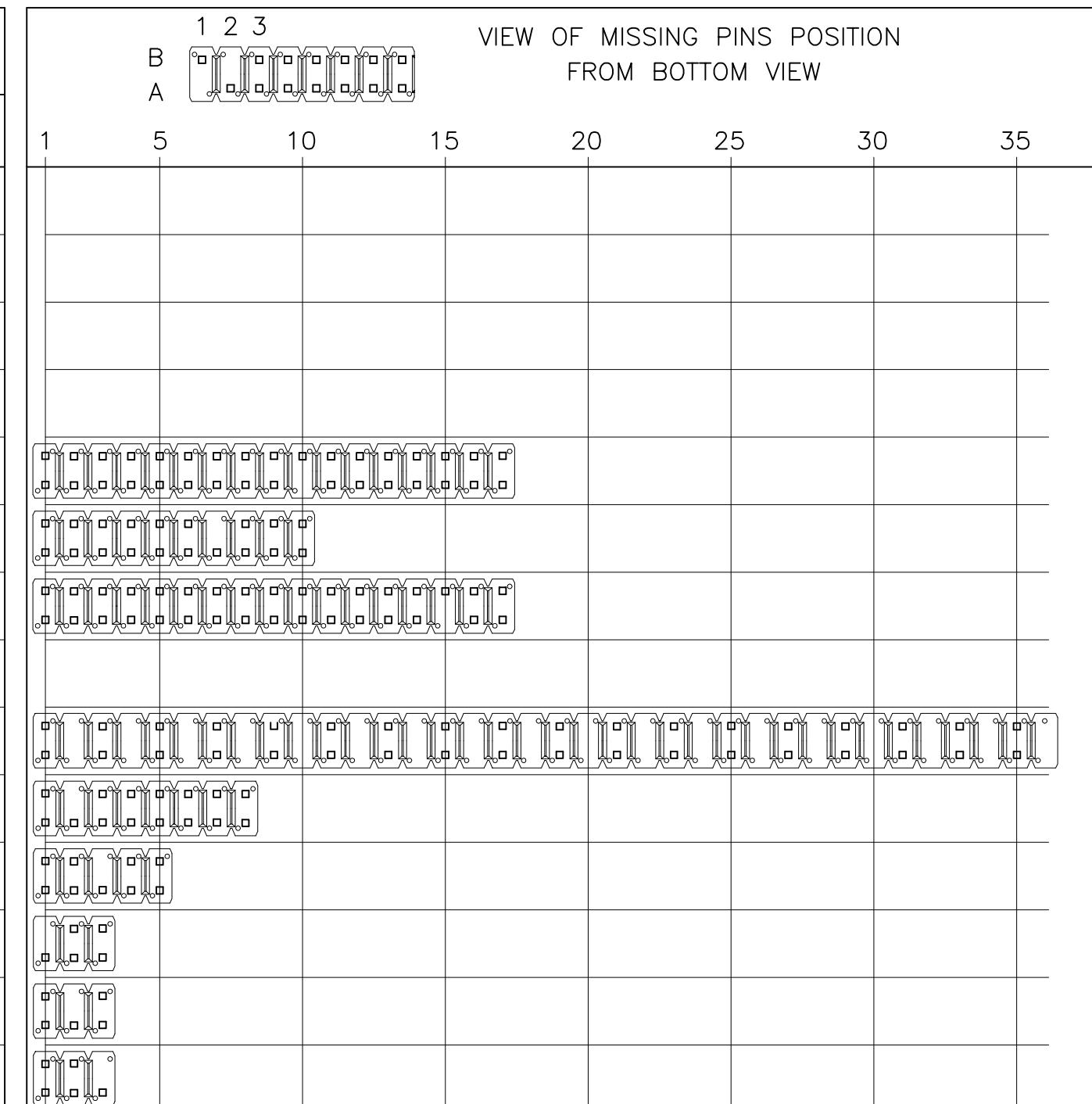
77314-8XX	0.38µm Au/GXT	4µm SnPb
77314-4XX	4µm SnPb FULL PLATED	
77314-2XX	1.27µm Au	4µm SnPb
77314-1XX	0.76µm Au/GXT	4µm SnPb
77314-1XXS	0.76µm Au/GXT	GOLD FLASH
PLATING CODE	CONTACT AREA	REMAINDER
	PLATING THICKNESS OVER 1.27µm Ni	

mat'l. code				surface	tolerance	projection	product family
ltr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101		BSTIK
AH	F06-0196	LMU	06.06.20				
AJ	F08-0148	RTR	08.03.31	angles	linear		
						mm	
						scale 1:1	
AE	F10707	LMU	01.12.03	dr	G LEOTY	91.11.13	
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					
index		sheet					

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

dwg no 77314 A3
sheet 2 of - size
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



mat'l. code				surface		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				mm	
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

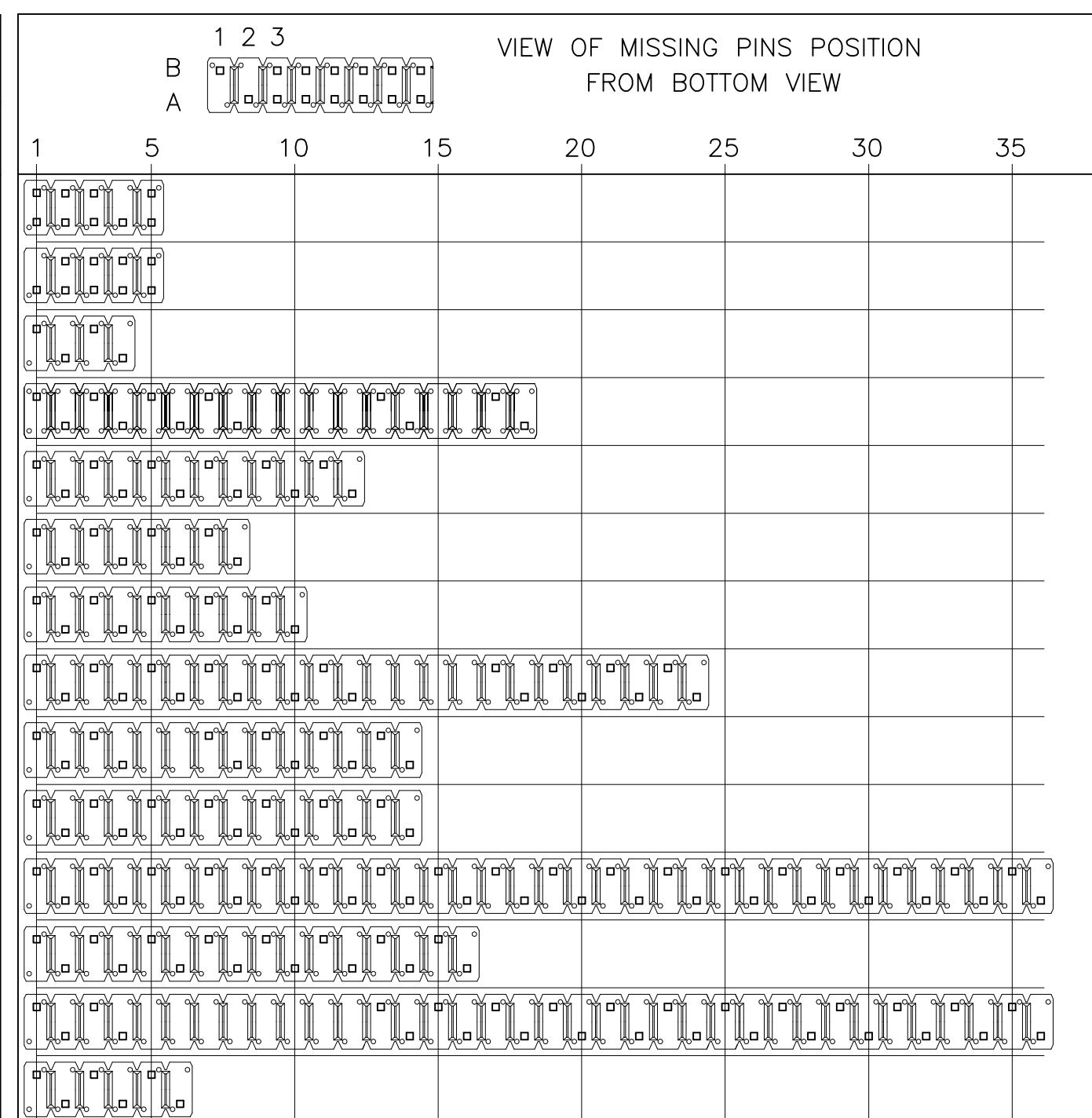
Copyright FCI

HEADER,STR,DR
POL DUPLEX 2.54mm

dwg no sheet 3 of - size
77314 A3

type CUSTOMER Drawing

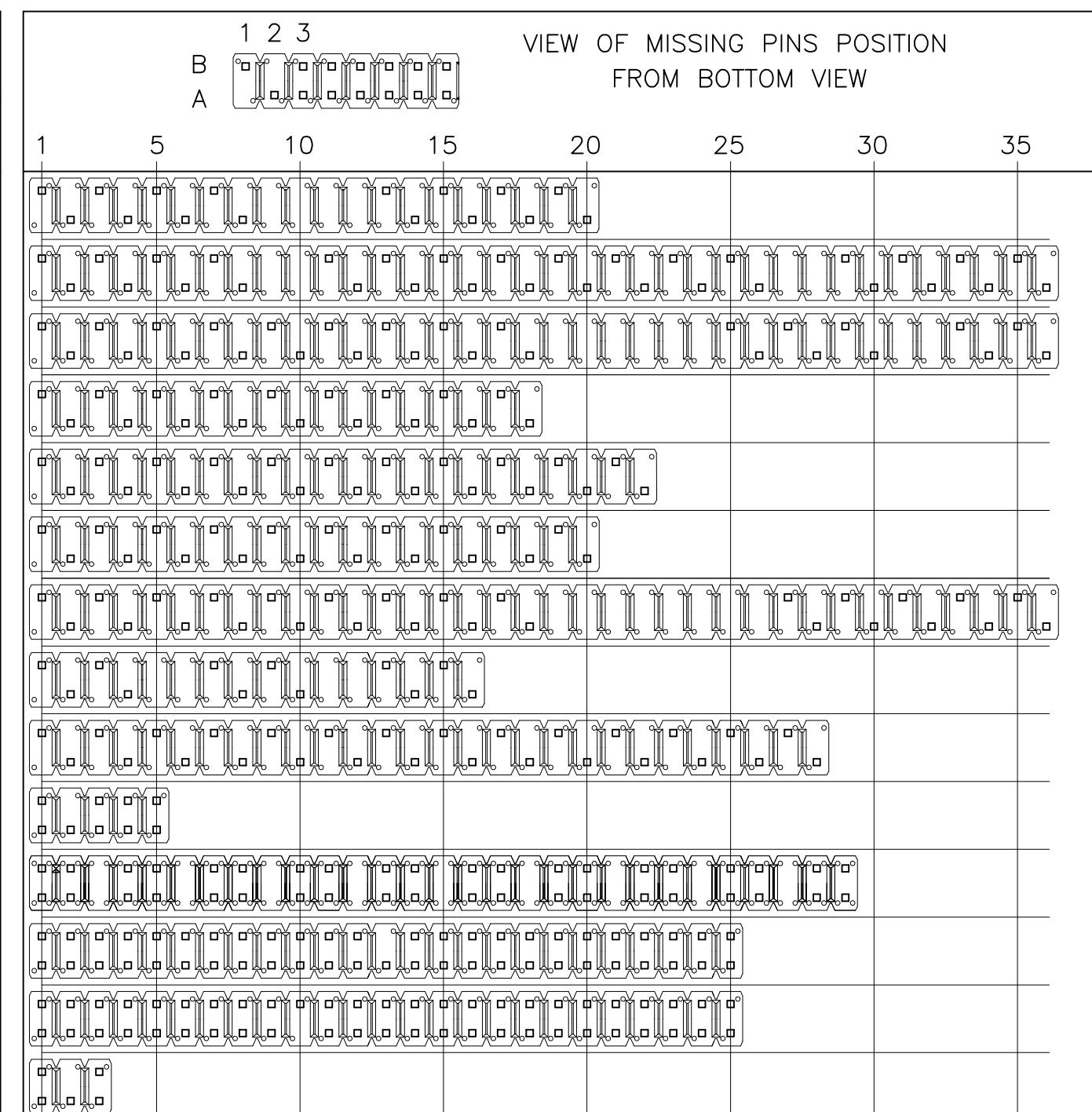
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
27	2X05	5.72	2.54	10.8
28	2X05	5.72	2.54	10.8
29	2X04	12.7	5.72	20.96
30	2X18	12.7	5.72	20.96
31	2X12	12.7	5.72	20.96
32	2X08	12.7	5.72	20.96
33	2X10	12.7	5.72	20.96
34	2X24	12.7	5.72	20.96
35	2X14	12.7	5.72	20.96
36	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		BSTIK
AB	F40235	JMC	94.02.25	tolerances unless otherwise specified			mm	
AC	F30323	JMC	95.02.27	angles	linear			
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	engr	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
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		BSTIK
AB	F40235	JMC	94.02.25	tolerances unless otherwise specified				
AC	F30323	JMC	95.02.27	angles	linear			
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	engr	PHAMVAN JM	95.02.27		
				chr	COMPAGNON J	95.02.27		
				appd	JMP	95.02.27		
sheet index		revision sheet						

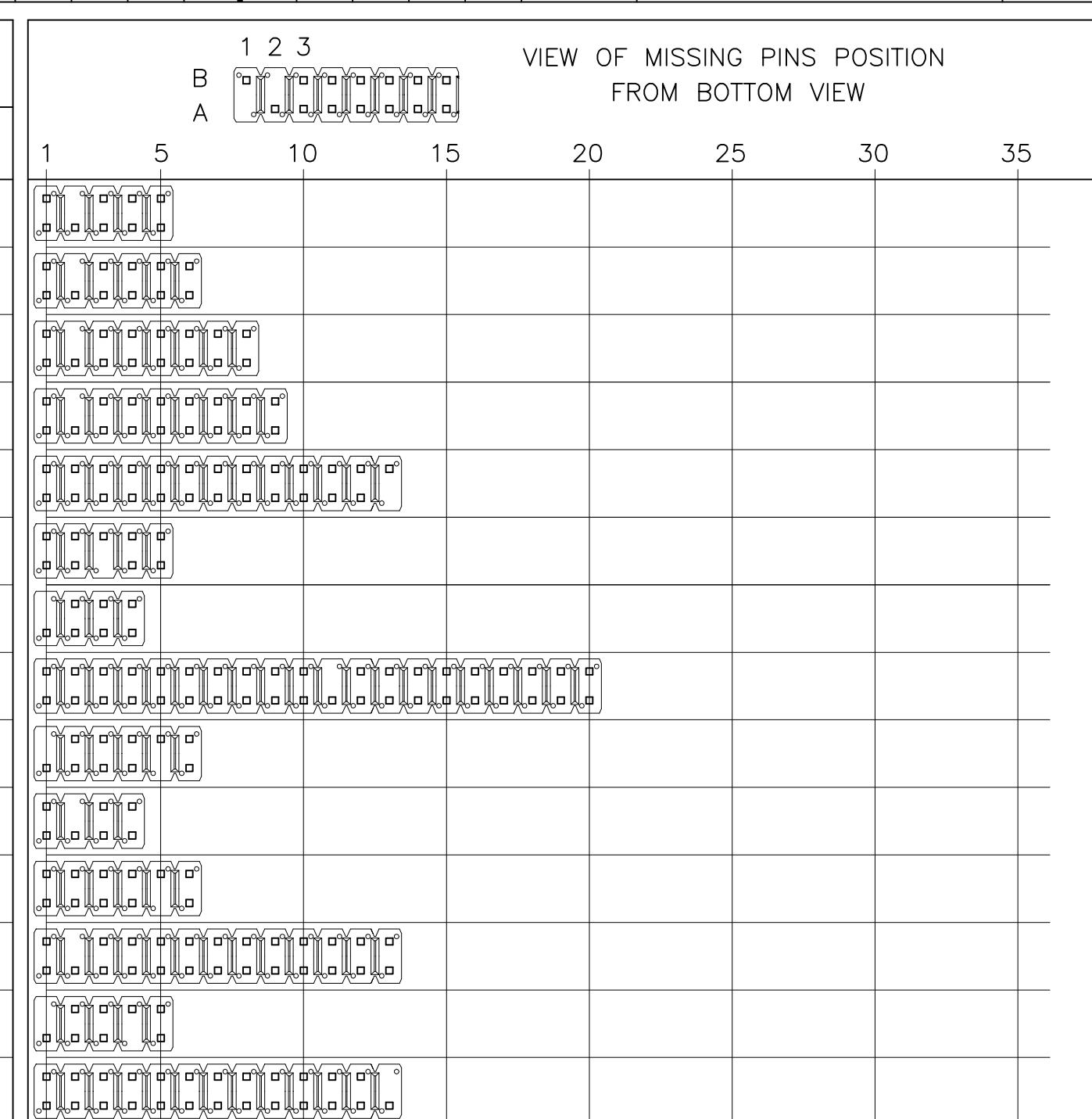
FCI

HEADER,STR,DR
POL DUPLEX 2.54mm

dwg no sheet 5 of - size
77314 A3

type CUSTOMER Drawing

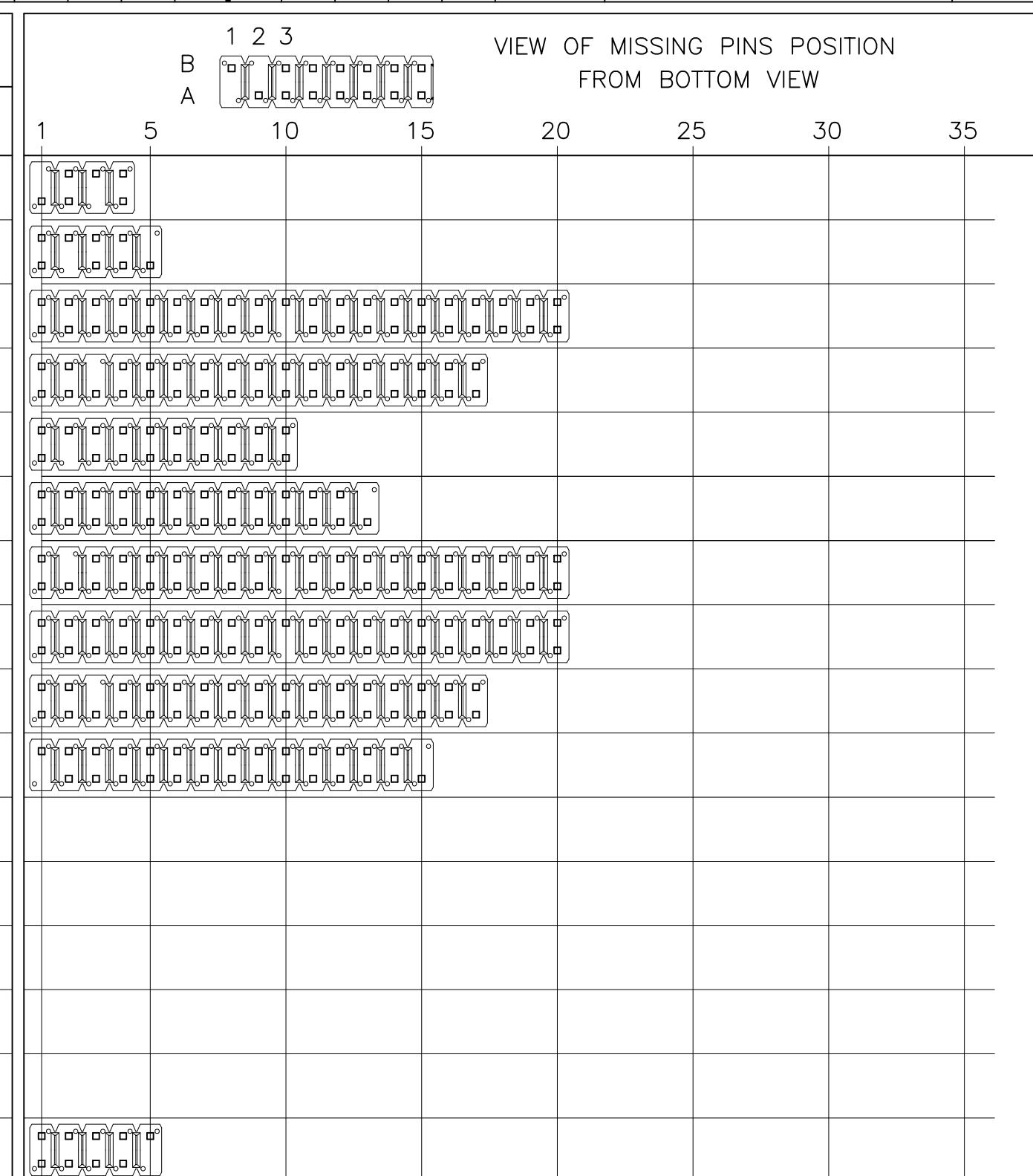
PIN STYLE	PRODUCT DEFINITION			
	POS	MATING SIDE ±0.2	SOLDER SIDE ±0.25	("OAL") REF
55	2X05	5.84	3.42	11.8
56	2X06	5.84	3.42	11.8
57	2X08	5.84	3.42	11.8
58	2X09	5.84	3.42	11.8
59	2X13	5.84	3.42	11.8
60	2X05	5.84	3.42	11.8
61	2X04	5.72	2.54	10.8
62	2X20	5.72	2.54	10.8
63	2X06	5.72	2.54	10.8
64	2X04	5.84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



mat'l. code				surface		tolerance	projection	product family
ltr	ecn	no	dr	ISO 1302		ISO 406	ISO 1101	title
AB	F40235	JMC	94.02.25	tolerances unless otherwise specified				
AC	F30323	JMC	95.02.27	angles	linear			
AD	F70430	JMC	97.06.02					scale 1:1
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						

FCI

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



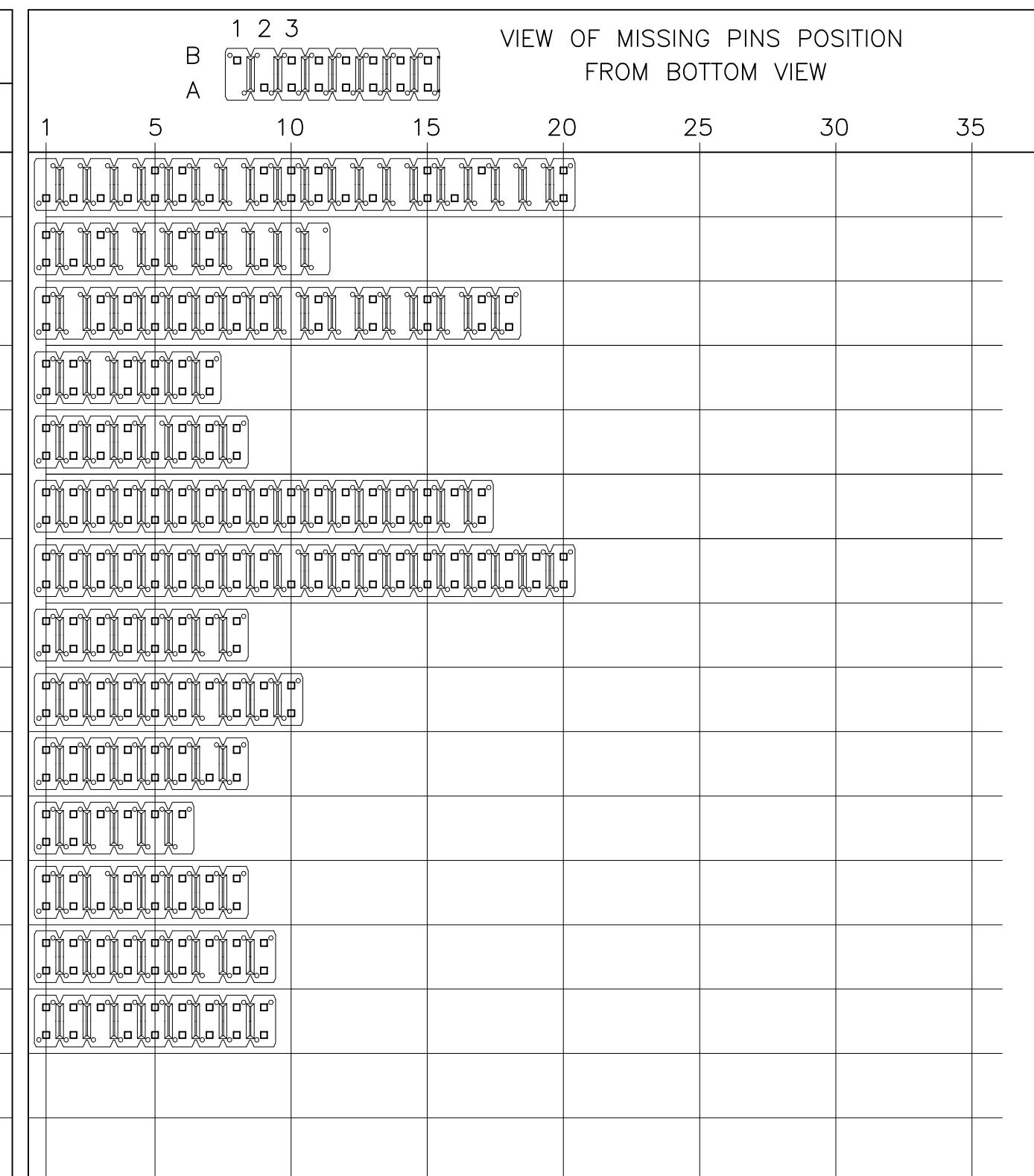
mat'l. code				surface		tolerance	projection	product family
ltr	ecn	no	dr	ISO 1302		ISO 406 ISO 1101		BSTIK
AJ	F06-0196	LMU	06.06.20	tolerances unless otherwise specified				
AD	F50246	JMC	95.04.03	angles	linear		mm	
AE	F50625	JMC	95.08.26	dr	G LEOTY	91.11.13		
AF	F50916	JMC	95.12.05	engr	COMPAGNON J	95.12.05		
AG	F10707	LMU	01.12.03	chr				
AH	F20197	LMU	02.04.16	appd	JMC	95.12.05	scale 1:1	
sheet		revision						
index		sheet						



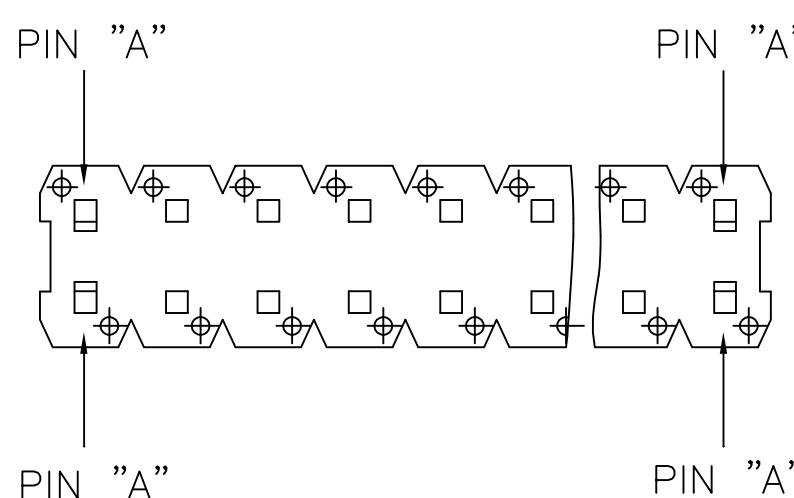
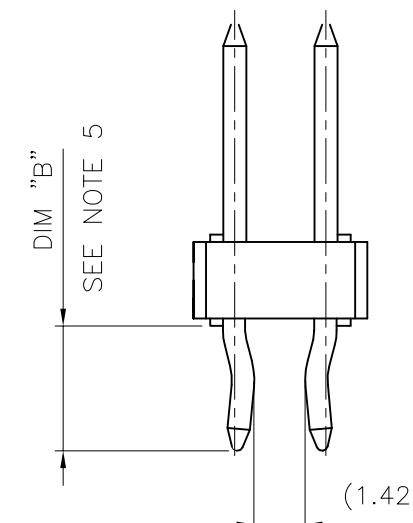
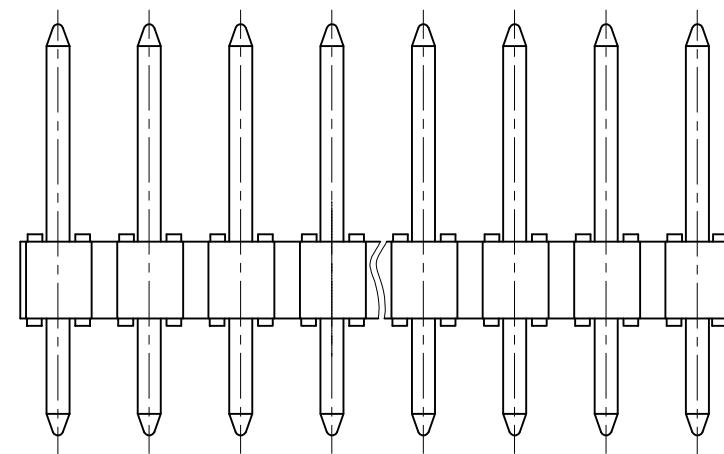
dwg no
77314
A3

type
CUSTOMER
Drawing

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



mat'l. code				surface		tolerance		projection	product family
ltr	ecn	no	dr	ISO 1302		ISO 406	ISO 1101		
R	F20197	LMU	02.04.16	✓		✓		 mm	BSTIK
S	F03-0298	LMU	03.10.28	tolerances unless otherwise specified		angles			
T	F04-0137	LMU	04.02.12	linear		linear		 scale N/A	title
U	F06-0117	LMU	06.01.30	dr		O. MATHEVON			
V	F06-0196	LMU	06.06.20	engr		J. COMPAGNON		 dwg no	HEADER,STR,DR POL DUPLEX 2.54mm
				chr		J. COMPAGNON			
P	F20113	LMU	02.01.14	appd		JMC		sheet 8 of A3 type CUSTOMER Drawing	96.08.28
				sheet		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
ltr	ecn no	dr	date	ISO 1302		ISO 406 ISO 1101		BSTIK
				tolerances unless otherwise specified				
A	F60608	OMA	96.08.28				mm	
B	F60761	JMC	96.10.24	angles	linear			
C	F10707	LMU	01.12.03				scale N/A	
D	F06-0196	LMU	06.06.20	dr	J COMPAGNON	95.08.26		
				engr	JMC	95.08.26		
				chr				
				appd	JMC	95.08.26		
sheet index		revision sheet						

dwg no sheet 9 of size
77314 A3
type CUSTOMER Drawing