

PRODUCT NUMBER
75970-YXX-XXLF

WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 7

TOTAL NB OF POS (02 TO 36 POS)

PLATING PIN STYLE

- 1 = 0.76µm FULL GOLD/GXT, OVER 1.27µm Ni MIN
- 8 = 0.38µm FULL GOLD/GXT, OVER 1.27µm Ni MIN
- 3 = 3.81µm FULL TIN/LEAD, OVER 1.27µm Ni MIN

- S1 = 0.76µm GOLD/GXT, AREA "A" & "B" ONLY
1.27µm Ni MIN ON REMAINDER AREA
- S8 = 0.38µm GOLD/GXT, AREA "A" & "B" ONLY
1.27µm Ni MIN ON REMAINDER AREA

- WHEN "LF" IS REQUIRED, 2µm MATTE
TIN OVER 1.27µm MIN NICKEL IS
PROVIDED INSTEAD OF TIN-LEAD

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK.
2. PIN MATERIAL : PHOSPHOR BRONZE.
3. 12N MIN RETENTION IN EITHER DIRECTION.
4. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, N x 2.54 = 20.32mm
5. FOR STANDARD SELECTIVE GOLD PLATED PRODUCTS SEE DRAWINGS 54112 & 54122.
6. STANDARD PACKAGING IN POLYBAGS.
7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

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

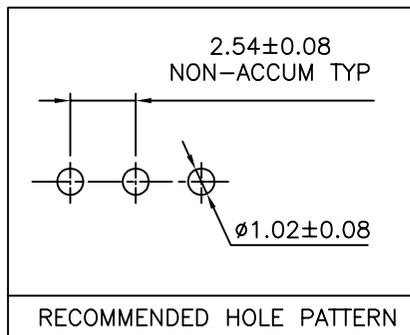
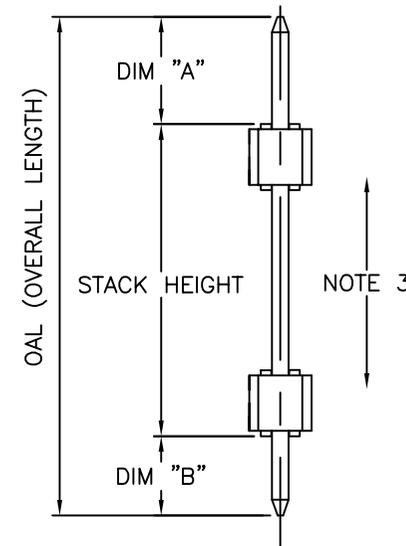
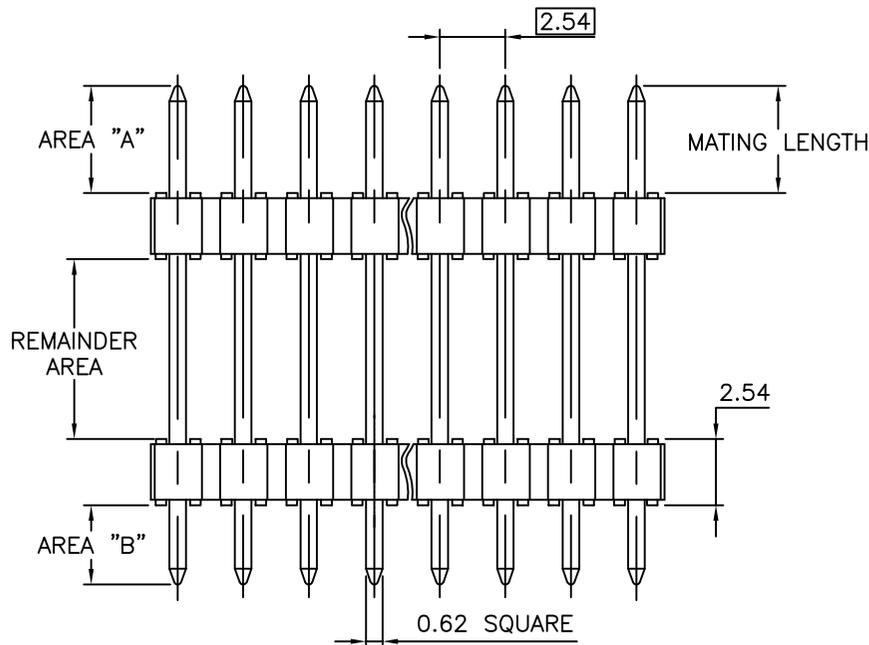
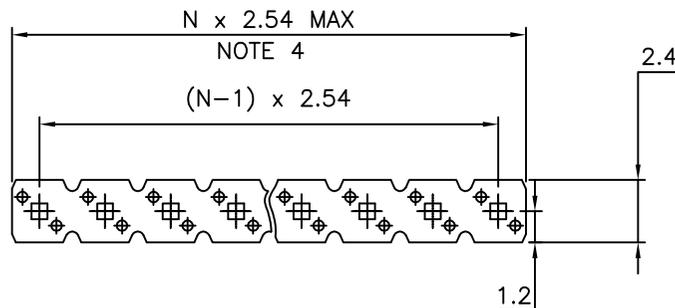
b - MANUFACTURING PROCESS COMPATIBILITY

- 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



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		mm		title	
CY	F09-0027	JCO	09.03.05	angles	x.x ±0.30	mm		HEADER STR,SR	
DA	F11-0001	LMU	11.01.05	linear	x.xx ±0.13	scale 5:1		DOUBLE BODY	
DB	F12-0013	LMU	12.02.10		x.xxx ±0.05			dwg no	
CV	F06-0301	LMU	06.10.13	dr	COMPAGNON J	94.07.01		sheet 1 of 2	
CW	F08-0148	JCO	08.05.27	enrg	JMC	95.09.25		size	
CX	F09-0003	JCO	09.01.02	chr				75970	
				appd	JMC	95.09.25		A3	
sheet index	revision sheet	DB	BX					type CUSTOMER Drawing	
		1	2						

APPLICATION SPECIFIC				
PIN STYLE	DIM "A" ±0.2	STACK HEIGHT ±0.25	DIM "B" ±0.25	("OAL") REF
01	9.99	13	3.05	26.04
04	6.33	6.5	3.05	15.88
05	11.69	11.3	3.05	26.04
06	8.71	19.76	2.65	31.12
08	5.51	8	3.05	16.56
09	6.61	11.3	3.05	20.96
10	3.14	19.76	3.14	26.04
11	3.55	16.4	3.55	23.5
12	5.72	5.08	2.54	13.34
13	6	7	3.56	16.56
15	7.46	9.5	4	20.96
16	5.59	13	3.05	21.64
17	9.5	10.45	3.55	23.5
18	5	16.04	5	26.04
20	5.6	6.5	2.88	14.98
21	7.5	10.45	3.01	20.96
22	7.5	15.45	3.09	26.04
23	7.02	5.08	2.88	14.98
25	17.3	15.7	3.2	36.2
26	9.1	15.7	3.2	28
27	3.5	10	3.06	16.56
28	2.5	6.35	2.5	11.35
29	8.23	16	3.2	27.43
30	2.8	13.7	2.8	19.3
31	3.11	5.08	3.11	11.3
34	9.98	6.5	9.94	26.42

APPLICATION SPECIFIC				
PIN STYLE	DIM "A" ±0.2	STACK HEIGHT ±0.25	DIM "B" ±0.25	("OAL") REF
36	5.9	10.39	3.01	19.3
37	3.86	6.7	3.76	14.32
40	11	8.48	11	30.48
41	9.45	5.5	2.7	17.65
45	23.6	11.3	3.05	37.95
51	5.33	21.5	2.48	29.31
52	6.77	25.9	3.05	35.72
53	14.6	8	9.4	32
54	11.6	11	9.4	32
55	14.77	15.7	3.05	33.52
56	10	19	3	32
58	6.5	30.5	3	40
61	9	25.9	3.05	37.95
68	6.87	16.5	3.05	26.42
69	6.87	13	3.63	23.5
70	5.58	10.3	2.54	18.42
71	5.81	7.7	3.05	16.56
72	6.9	10.45	2.71	20.06
74	11.45	13.5	3.05	28
75	3.1	11.45	3.1	17.65
78	12.5	7.5	3	23
80	10.7	16.5	3	30.2
85	6.75	8	2.9	17.65
87	14	32	4	50
90	7.8	33.5	3.15	44.45
93	3.3	6.5	3.3	13.08

APPLICATION SPECIFIC				
PIN STYLE	DIM "A" ±0.2	STACK HEIGHT ±0.25	DIM "B" ±0.25	("OAL") REF
94	3.3	7.72	3.3	14.32
95	12.9	5.08	3	20.96
99	8.7	9.02	8.7	26.42
AA	4.05	10.5	3.1	17.65
AB	4	29	3.2	36.2
AJ	1.4	6.5	3.4	11.3
AK	11	6	11	28
AL	8.5	6	8.5	23.0
AM	5.6	29.3	3.05	37.95
AN	12.0	26.45	6.0	44.45
AP	3.42	37.60	3.43	44.45
AR	4.00	28.00	3.70	35.70
AS	8.08	5.08	2.74	15.90
AT	4.25	31.50	4.25	40.00
AU	7.94	5.08	7.94	20.96
AV	17.50	26.50	6.00	50.00



FCIconnect.com

Copyright FCI

mat'l. code		surface <input checked="" type="checkbox"/> ISO 1302		tolerance <input checked="" type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101		projection		product family BSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified				title		
BS	F06-0196	LMU	06.06.20	angles	linear			HEADER STR,SR		
BT	F06-0301	LMU	06.10.13			scale		DOUBLE BODY		
BU	F09-0003	JCO	09.01.22					dwg no 75970 sheet 2 of - size A3		
BV	F09-0027	JCO	09.03.05	dr	COMPAGNON J	94.07.01			type CUSTOMER Drawing	
BW	F11-0001	LMU	11.01.05	engr	PHAMVAN JM	95.03.21				
BX	F12-0013	LMU	12.02.10	chr	COMPAGNON J	95.03.21				
				appd	JM P	95.03.21				
sheet index	revision sheet									