

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:

- HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK.
- PIN MATERIAL : PHOSPHOR BRONZE.
- 12N MIN RETENTION IN EITHER DIRECTION.
- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS PER ROW, N x 2.54 = 20.32mm
- FOR STANDARD SELECTIVE GOLD PLATED PRODUCTS SEE DRAWINGS 54111 & 54121.
- STANDARD PACKAGING IN POLYBAGS.
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

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

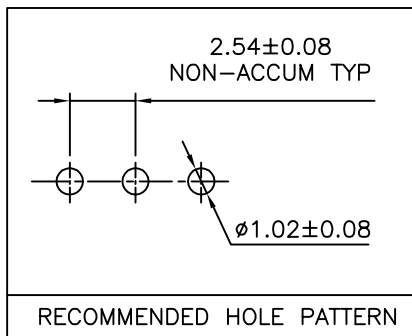
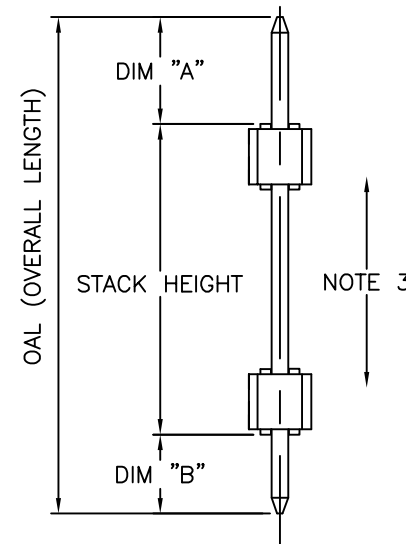
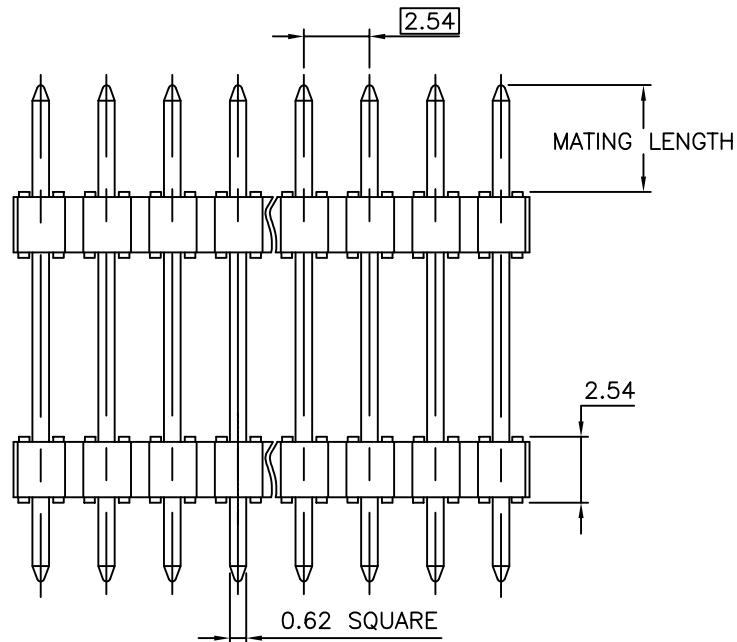
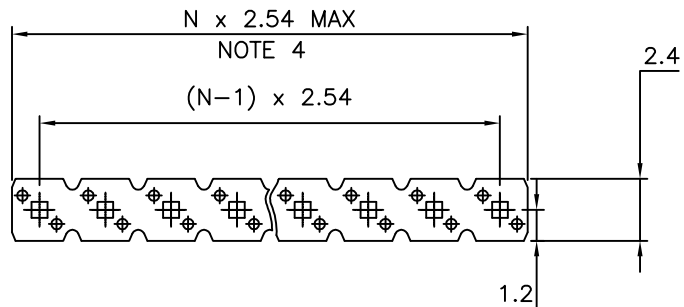
b - MANUFACTURING PROCESS COMPATIBILITY

- 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.



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 DOUBLE BODY	
DA	F11-0001	LMU	11.01.05	linear	x.xx ±0.13	scale 5:1		dwg no	
DB	F12-0013	LMU	12.02.10		x.xxx ±0.05			sheet 1 of 2	
DC	F12-0043	LMU	12.05.02	dr	COMPAGNON J	94.07.01		size	
DD	F12-0090	JFA	12.12.06	enfr	JMC	95.09.25		75970	
				chr				A3	
CX	F09-0003	JCO	09.01.02	appd	JMC	95.09.25		type	
sheet index	revision sheet	DD	CA					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
15	7.46	9.5	4	20.96
16	5.59	13	3.05	21.64
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
25	17.3	15.7	3.2	36.2
26	9.1	15.7	3.2	28
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
36	5.9	10.39	3.01	19.3
41	9.45	5.5	2.7	17.65
56	10	19	3	32
58	6.5	30.5	3	40
68	6.87	16.5	3.05	26.42
69	6.87	13	3.63	23.5
75	3.1	11.45	3.1	17.65
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
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
AW	4.95	6.00	4.95	15.90
AX	2.66	15.00	5.84	23.50



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mat'l. code		surface <input checked="" type="checkbox"/> ISO 1302 <input type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101		tolerance tolerances unless otherwise specified		projection		product family BSTIK	
ltr	ecn no	dr	date	angles linear		mm		title	
CA	F12-0090	JFA	12.12.07					HEADER STR,SR DOUBLE BODY	
BU	F09-0003	JCO	09.01.22			scale		sheet 2 of 2	
BV	F09-0027	JCO	09.03.05	dr	COMPAGNON J	94.07.01	FCI		size A3
BW	F11-0001	LMU	11.01.05	enrg	PHAMVAN JM	95.03.21	75970		
BX	F12-0013	LMU	12.02.10	chr	COMPAGNON J	95.03.21	type CUSTOMER		Drawing
BY	F12-0043	LMU	12.05.02	appd	JM P	95.03.21			
sheet index	revision sheet								