

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

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

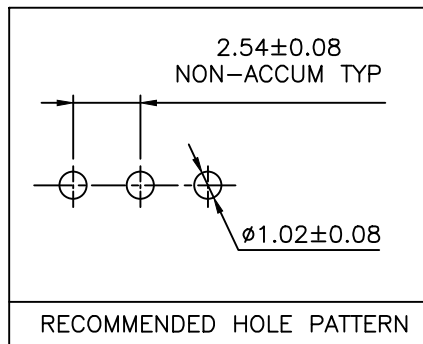
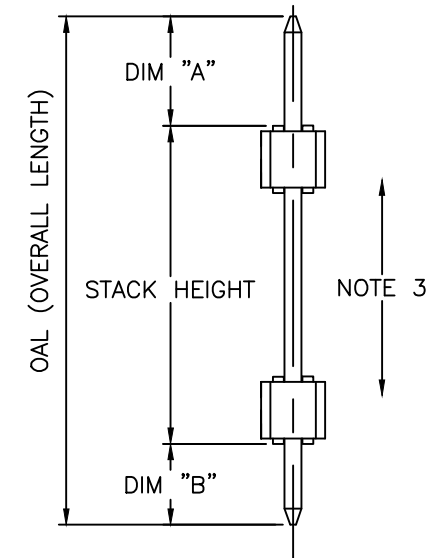
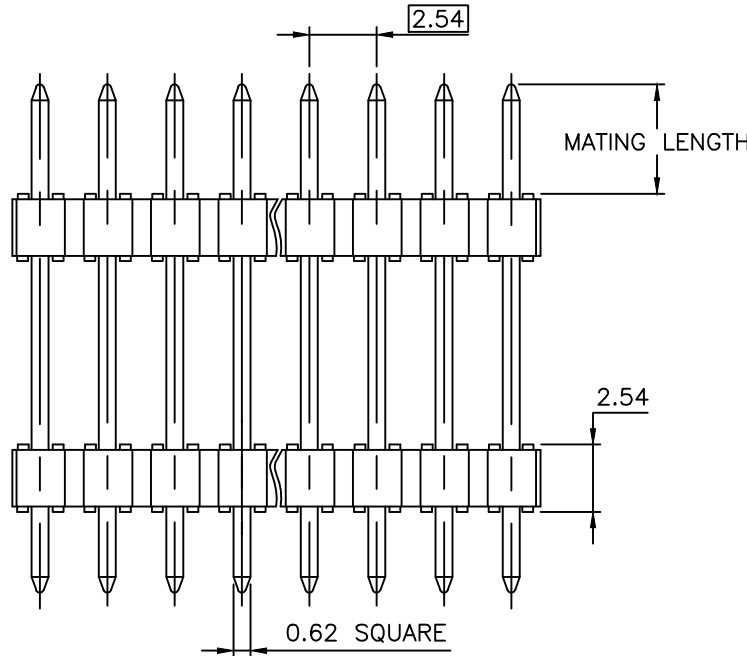
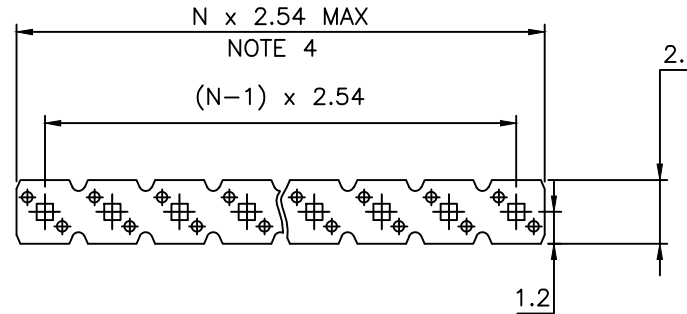
- WHEN "LF" IS REQUIRED, 2µm MATTE
TIN OVER 1.27µm MIN NICKEL IS
PROVIDED INSTEAD OF TIN-LEAD

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 54111 & 54121.
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-47-0004.



mat'l. code		surface		tolerance		projection		product family	
SEE P/N		ISO 1302 ✓		ISO 406 ISO 1101		mm		BSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
CY	F09-0027	JCO	09.03.05	angles	linear	x.x ±0.30		HEADER STR,SR	
DA	F11-000	LMU	11.01.05			x.xx ±0.13		DOUBLE BODY	
DB	F12-0013	LMU	12.05.02			x.xxx ±0.05		scale 5:1	
DC	F12-0043	LMU	12.05.02	dr	COMPAGNON J	94.07.01		dwg no	
DD	F12-0090	JFA	12.12.06	engr	JMC	95.09.25		sheet 1 of 3	
DE	B-16687	LMU	14.01.08	chr				size	
				appd	JMC	95.09.25		A3	
sheet index		revision	DE	CB	A			type	
		sheet	1	2	3			CUSTOMER Drawing	

1

2,3

4

5

6

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

SEE SHEET 3

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
AY	8.60	6.00	8.60	23.20
BA	SEE SHEET 3			

SEE SHEET 3

SEE SHEET 3

SEE SHEET 3



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mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 ✓		ISO 406 ISO 1101				BSTIK	
ltr		ecn no		dr		date		title	
CA		F12-0090		JFA		12.12.07		HEADER STR,SR	
CB		B-16687		LMU		14.01.08		DOUBLE BODY	
		angles		linear		mm		scale	
		dr		COMPAGNON J		94.07.01		dwg no	
BW		F11-0001		LMU		11.01.05		sheet 2 of	
enr		PHAMVAN JM		95.03.21				size	
BX		F12-0013		LMU		12.02.10		75970	
chr		COMPAGNON J		95.03.21				A3	
BY		F12-0043		LMU		12.05.02		type	
appd		JM P		95.03.21				CUSTOMER Drawing	
sheet		revision							
index		sheet							



form: A3

1

2

3

4

5

6

SPECIFIC PRODUCT NUMBER

75970-3BAA03LF

PLATING

3 = 2µm MATTE TIN
OVER 1.27µm Ni MIN

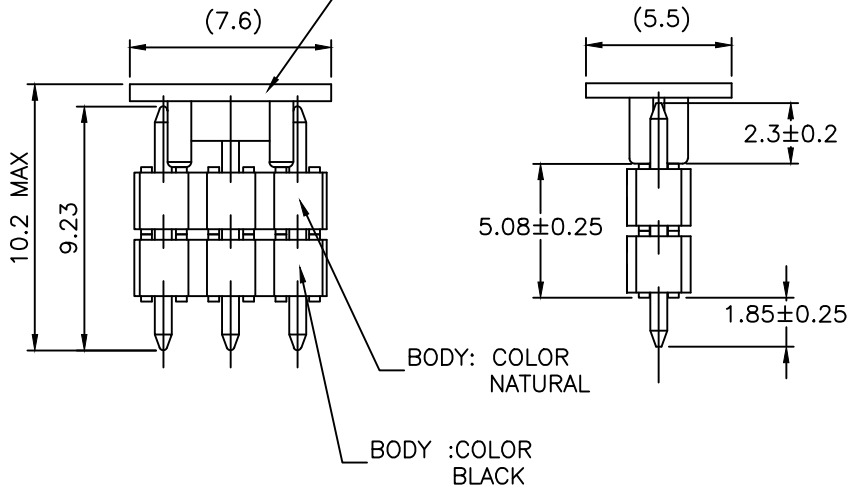
MEANS RoHs, SEE SHEET 1

TOTAL NB OF POS

PRODUCT PACKED IN TAPE
& REEL WITH PICK UP CAP

PIN STYLE

OPTIONAL PICK-UP CAP



FOR OTHERS SPECIFICATIONS AND DIMENSIONS SEE SHEET 1

SPECIFICS PLATING AREA FOR PART NUMBERS :

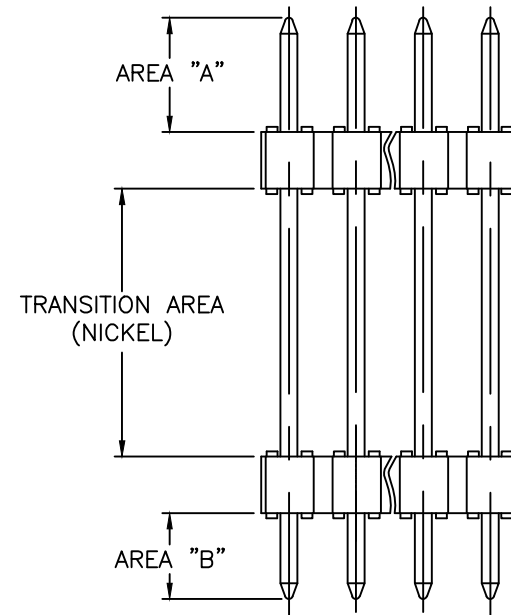
P/N 75970-1AN-02LF

P/N 75970-590R30LF

P/N 75970-8AU-02LF

P/N 75970-8AP-04LF

AREA "A" & "B" : GOLD/GXT PLATING AREA



mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 ✓		ISO 406 ISO 1101		mm		BSTIK	
ltr		ecn no		dr		date		title	
A		B-16687		MMU		14.01.08		HEADER STR,SR DOUBLE BODY	
				angles		Linear		scale	
								dwg no	
				dr		L.MULIN		13.02.15	
				engr		J.COMPAGNON		13.02.15	
				chr					
				app		J.COMPAGNON		13.02.15	
sheet		revision						type	
index		sheet						CUSTOMER Drawing	



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