

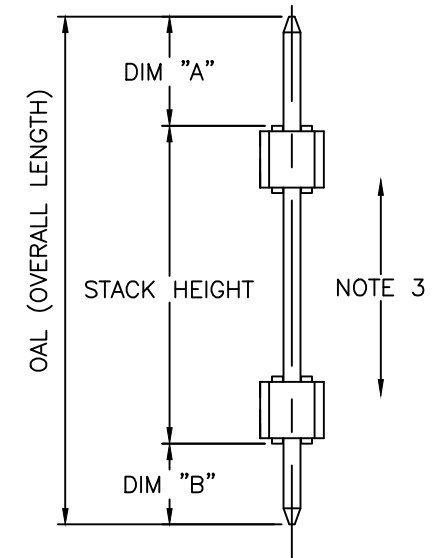
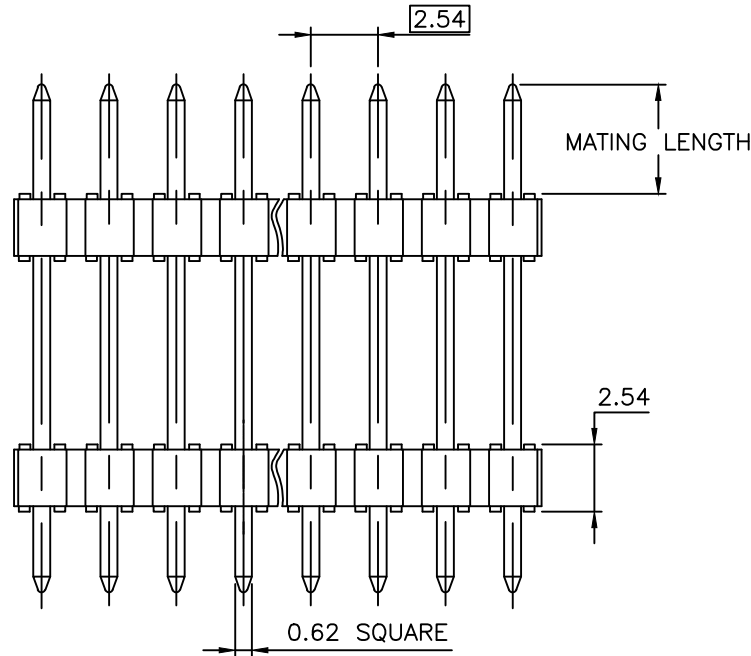
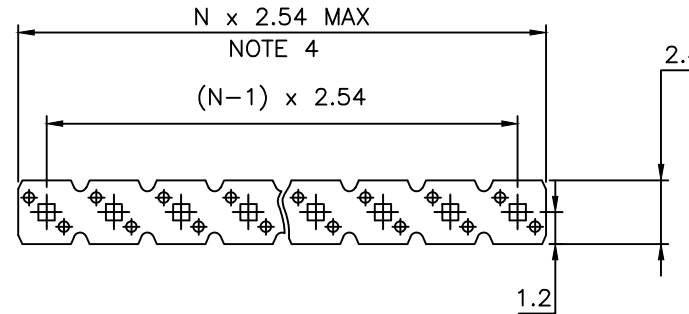
PRODUCT NUMBER
75970-YXX-XXLF

RoHS COMPATIBLE, SEE NOTE 7
TOTAL NB OF POS (02 TO 36 POS)

PLATING- PIN STYLE

1 = 0.76µm FULL GOLD/GXT,
3 = 2µm MIN MATTE TIN FULL PLATED
7 = FULL GOLD FLASH,
5/8 = 0.38µm FULL GOLD/GXT,

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 MIN NICKEL UNDERPLATING



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.

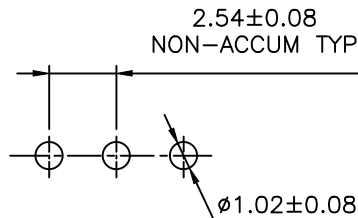
b - MANUFACTURING PROCESS COMPATIBILITY

- 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.



RECOMMENDED HOLE PATTERN

mat'l. code				surface			tolerance		projection	product family		
SEE P/N				ISO 1302	ISO 406	ISO 1101	ISO 406	ISO 1101		BSTIK		
ltr	ecn	no	dr	date	tolerances unless otherwise specified				mm	title		
DG	F-22058	BVE		15.09.28	angles	linear	x.x ±0.30			HEADER STR,SR		
DH	F-22107	AMA		15.10.08			x.xx ±0.13			DOUBLE BODY		
DJ	F-22317	AMA		15.10.27			x.xxx ±0.05		scale 5:1	dwg no		
DK	F-24965	DDE		16.09.19	dr	COMPAGNON J	94.07.01		FCJ	sheet 1 of 3		
					engr	JMC	95.09.25			size		
DE	B-16687	LMU		14.01.08	chr					75970		
DF	B-19264	LMU		14.11.03	appd	JMC	95.09.25			A3		
sheet	revision	DK	CG	B						type		
index	sheet	1	2	3						CUSTOMER Drawing		

	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
AY	8.60	6.00	8.60	23.20
BA	SEE SHEET 3			
BB	SEE SHEET 3			
BC	16.65	14.70	6.00	37.30
BD	7.01	5.25	9.39	21.65
BE	3.00	13.00	3.00	19.00

SEE SHEET 3

SEE SHEET 3

SEE SHEET 3

SEE SHEET 3

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK			
litr	ecn no	dr	date	tolerances unless otherwise specified				 mm scale		title			
CA	F12-0090	JFA	12.12.07	angles	linear					HEADER STR,SR DOUBLE BODY			
CB	B-16687	LMU	14.01.08										
CD	B-19264	LMU	14.11.03										
CE	F-22058	BVE	15.09.28	dr	COMPAGNON	J	94.07.01			dwg no		sheet 2 of	size
CF	F-22107	AMA	15.10.08	engr	PHAMVAN	JM	95.03.21			75970		A3	
CG	F-22317	AMA	15.10.27	chr	COMPAGNON	J	95.03.21			type		CUSTOMER	Drawing
				appd	JM P		95.03.21						
sheet index		revision sheet											



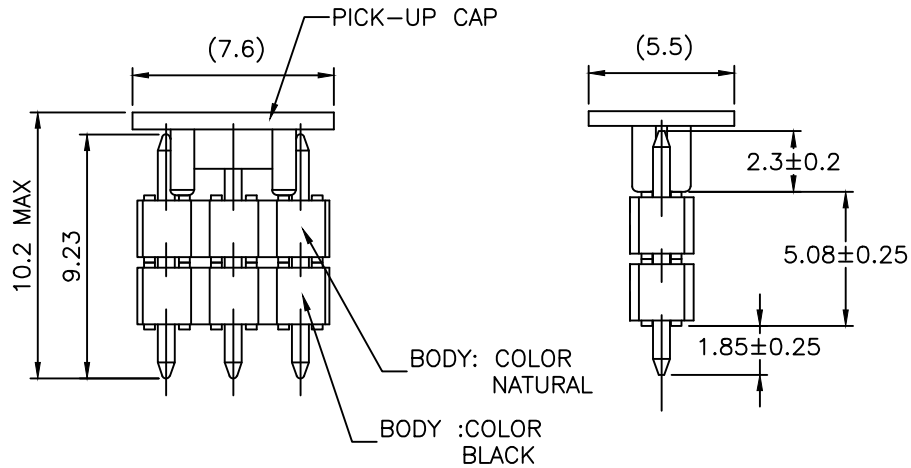
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SPECIFIC PRODUCT NUMBER

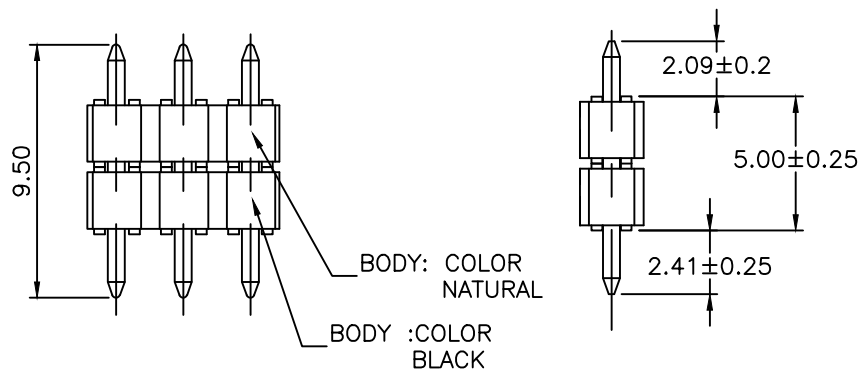
75970-3BAA03LF

PLATING

3 = 2µm MATTE TIN
OVER 1.27µm Ni MINMEANS RoHS, SEE SHEET 1
TOTAL NB OF POSPRODUCT PACKED IN TAPE
& REEL WITH PICK UP CAP
PIN STYLE

SPECIFIC PRODUCT NUMBER

75970-3BB-XXLF



FOR OTHERS SPECIFICATIONS AND DIMENSIONS SEE SHEET 1

SPECIFICS PLATING AREA FOR PART NUMBERS :

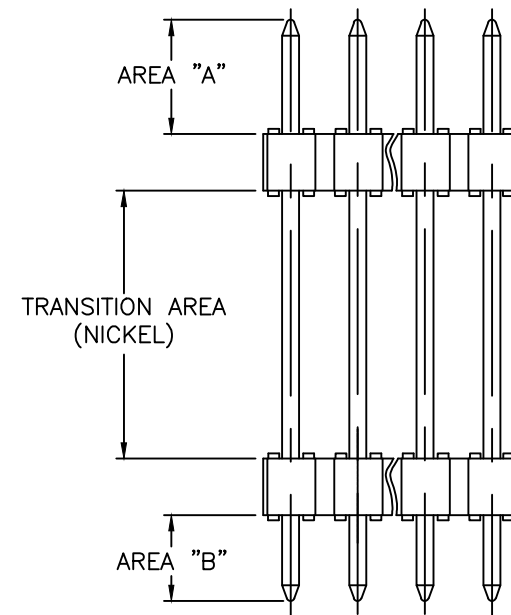
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P/N 75970-590R30LF

P/N 75970-8AU-02LF

P/N 75970-8AP-04LF

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



mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BSTIK				
ltr	ecn no	dr	date	tolerances unless otherwise specified						title				
A	B-16687	LMU	14.01.08	angles	linear			mm 		HEADER STR,SR DOUBLE BODY				
B	B-19264	LMU	14.11.03											
								scale		dwg no sheet 3 of 75970 A3				
				dr	L.MULIN		13.02.15							
				engr	J.COMPAGNON		13.02.15				type CUSTOMER Drawing			
				chr										
				app	J.COMPAGNON		13.02.15							
sheet index		revision sheet												

Mouser Electronics

Authorized Distributor

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[75970-175-07LF](#) [75970-175-09LF](#)