

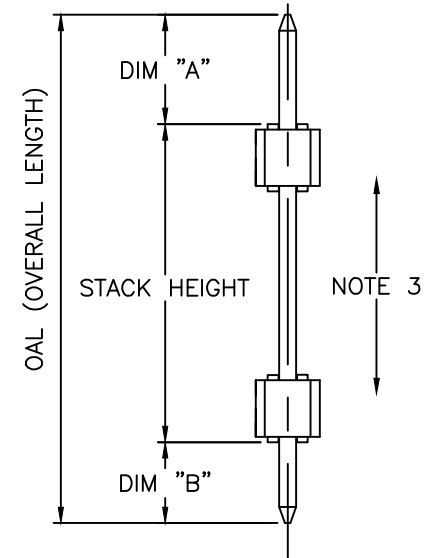
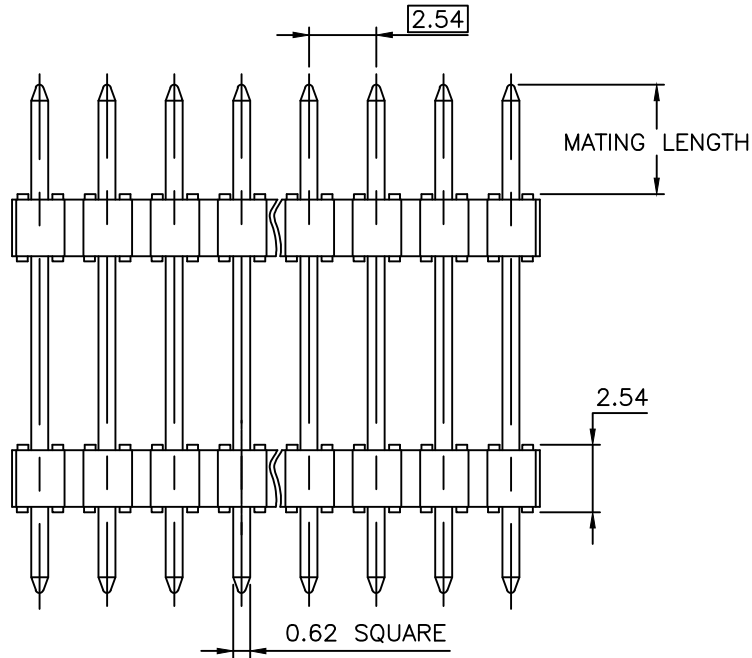
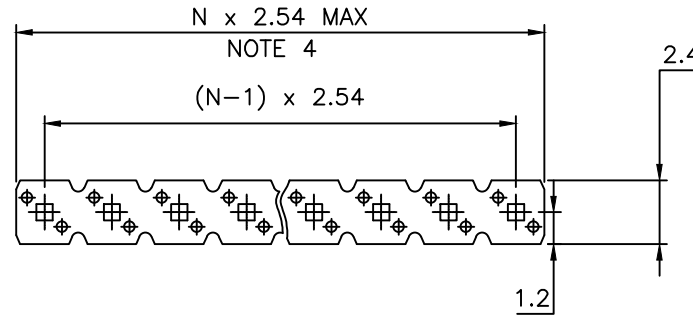
PRODUCT NUMBER  
75970-YXX-XXLF

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,
- 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.

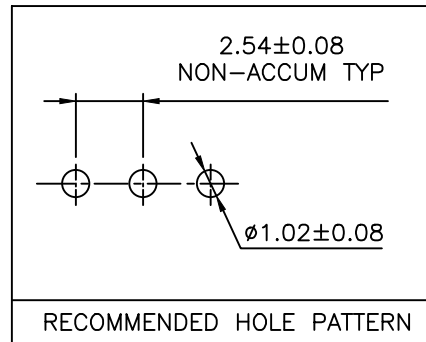
b - MANUFACTURING PROCESS COMPATIBILITY

- 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.



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	
DG	F-22058	BVE	15.09.28	angles	linear	mm		HEADER STR,SR	
DH	F-22107	AMA	15.10.08		x.xx ±0.30	scale 5:1		DOUBLE BODY	
DJ	F-22317	AMA	15.10.27		x.xxx ±0.05			dwg no	
DD	F12-009C	JFA	12.12.06	dr	COMPAGNON J	94.07.01		sheet 1 of 3	
DE	B-16687	LMU	14.01.08	enrg	JMC	95.09.25		size	
DF	B-19264	LMU	14.11.03	chr				75970	
				appd	JMC	95.09.25		A3	
sheet	revision	DJ	CG	B				type	
index	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			
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



FCconnect.com

Copyright FCJ

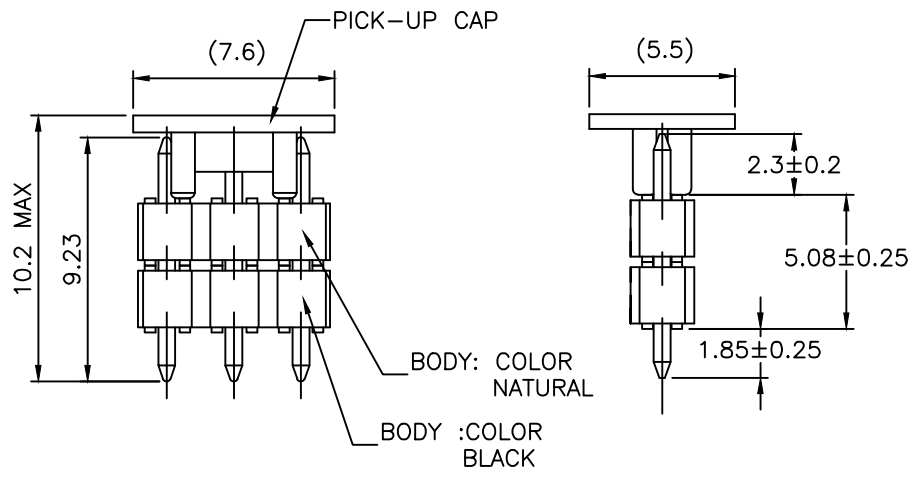
mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101				BSTIK	
ltr		ecn no		dr		date		title	
CA		F12-009D		JFA		12.12.07		HEADER STR,SR	
CB		B-16687		LMU		14.01.08		DOUBLE BODY	
CD		B-19264		LMU		14.11.03		scale	
CE		F-22058		BVE		15.09.28		mm	
CF		F-22107		AMA		15.10.08		FCJ	
CG		F-22317		AMA		15.10.27		dwg no	
				appd		JM P		sheet 2 of	
								size	
								75970	
								A3	
								type	
								CUSTOMER Drawing	
sheet index		revision sheet							

form: A3 | 1 | 2 | 3 | 4 | 5 | 6

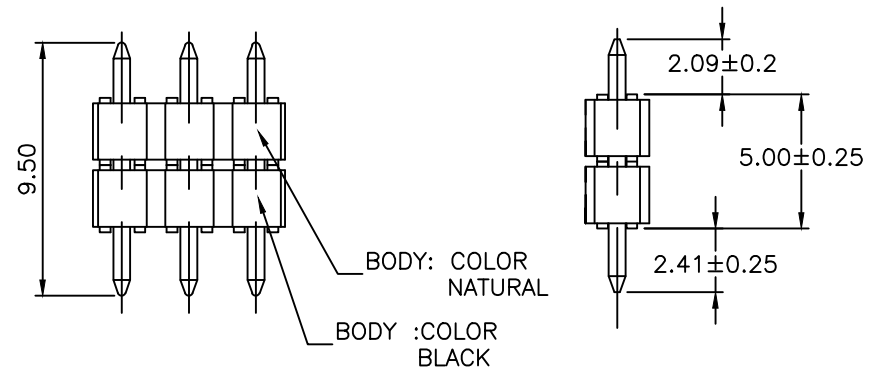
SPECIFIC PRODUCT NUMBER  
75970-3BAA03LF

PLATING \_\_\_\_\_ MEANS RoHS, SEE SHEET 1  
TOTAL NB OF POS  
PRODUCT PACKED IN TAPE  
& REEL WITH PICK UP CAP  
PIN STYLE

3 = 2µm MATTE TIN  
OVER 1.27µm Ni MIN



SPECIFIC PRODUCT NUMBER  
75970-3BB-XXLF

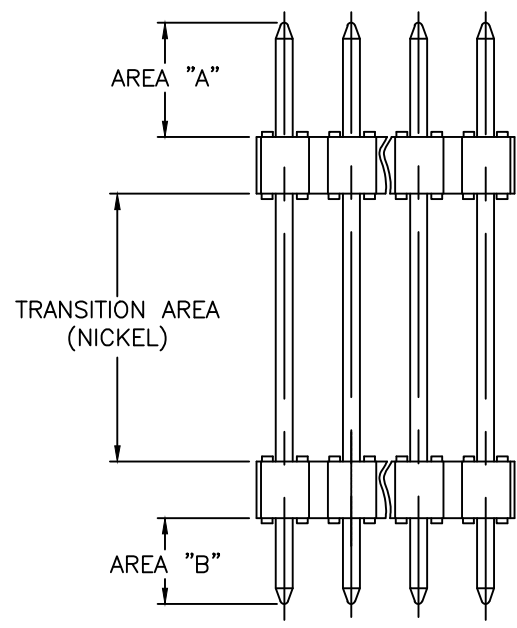


FOR OTHERS SPECIFICATIONS AND DIMENSIONS SEE SHEET 1

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 ISO 1302 <input checked="" type="checkbox"/> 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	HEADER STR,SR DOUBLE BODY
B	B-19264	LMU	14.11.03	mm		
				scale		dwg no
				FCJ		sheet 3 of
				dr L.MULIN 13.02.15		75970
				enr J.COMPAGNON 13.02.15		A3
				chr		type
				app COMPAGNON 13.02.15		CUSTOMER Drawing
sheet index	revision sheet					



Copyright FCI

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [Amphenol](#) manufacturer:*

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)  
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)  
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-](#)  
[5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-](#)  
[367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)