

PRODUCT NUMBER  
75160-YYX-XXLF

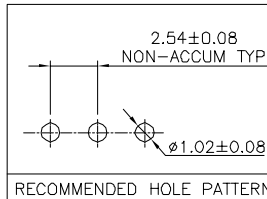
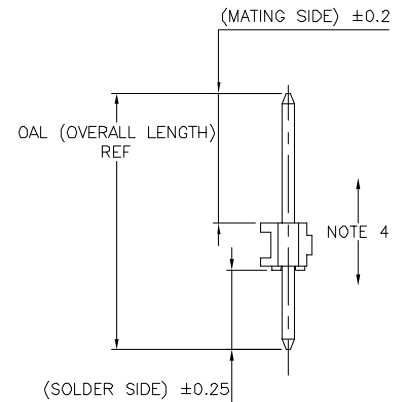
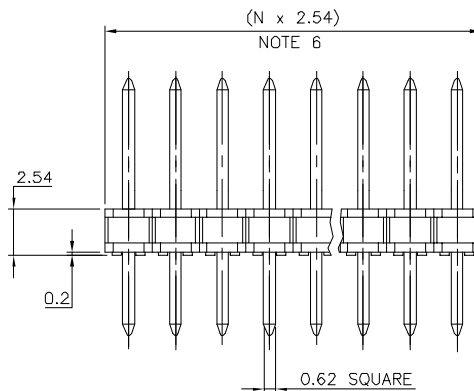
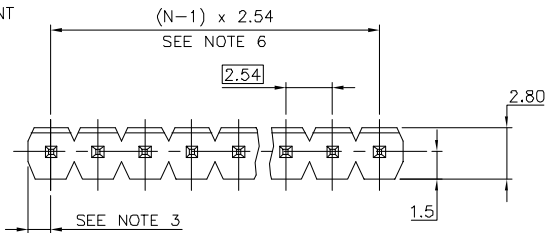
WHEN REQUIRED, ADD SUFFIX LETTER "LF"  
INDICATES THE PRODUCT IS RoHS COMPLIANT  
& COMPATIBLE, SEE NOTE 8  
TOTAL NB OF POSITIONS Q2 TO 36  
PIN STYLE SEE SHEET 2

PLATING:

- 1 = 0.76µm FULL GOLD, OVER 1.27µm Ni MIN
- 3 = 3.81µm FULL TIN/LEAD OVER 1.27µm Ni MIN.  
WHEN "LF" IS REQUIRED, 2µm MATTE TIN OVER  
1.27µm MIN NICKEL IS PROVIDED INSTEAD OF TIN-LEAD
- 8 = 0.38µm FULL GOLD, OVER 1.27µm Ni MIN

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC  
FLAME RETARDANT PER UL94-V0, COLOR BLACK.
2. PIN MATERIAL : PHOSPHOR BRONZE.
3. DIM 1.27<sup>+0.03</sup><sub>-0.13</sub> FOR MOULDED SIDE(S)  
ONLY. IF SIDE(S) ARE BROKEN, DIM 1.02  
TO 1.7 MAX APPLIES.
4. PIN PUSH OUT FORCE : 12N MIN.
5. PRODUCT PACKAGED IN POLY BAGS.
6. TO DETERMINE DIMENSIONS :  
N = NUMBER OF POSITIONS  
EXAMPLE : 8 POS N x 2.54 = 20.32mm
7. FOR STANDARD SELECTIVE GOLD PLATED  
PRODUCTS, SEE DRAWING 77311.
8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS
  - a - SUFFIX "LF" IS ADDED JUST FOR EASY
  - 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

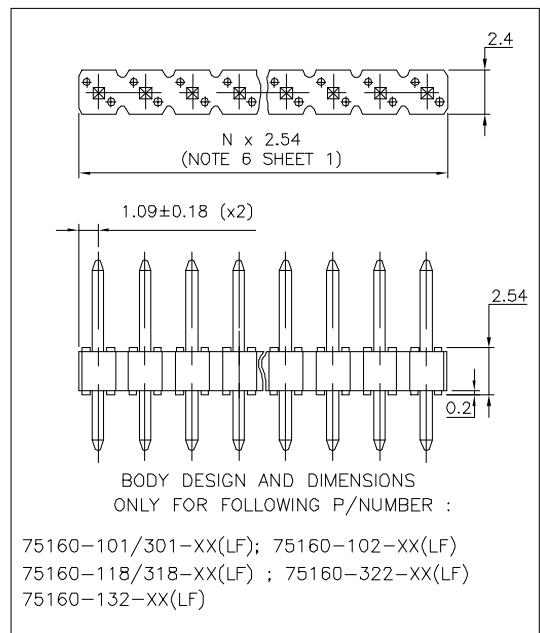


mat'l code		surface		tolerance		projection		product family	
SEE NOTES		ISO 1982		ISO 486 ISO 1181		mm		BERGSTIK	
		tolerances unless otherwise specified				scale 5:1		title	
Ltr	ecm no	dr	date	angles	linear	x	±0.3	HEADER SR,STR	
BR	F20607	LMU	03.12.03			xx	±0.15	2.54mm PITCH	
BS	F03079	LMU	03.04.04			xxx	±0.05	dwg no	
BT	F05-0184	JCO	05.04.29					75160	
BU	F06-0194	LMU	06.06.20	dr	D LEGRAND			sheet 1 of 2	
BN	F20149	DLE	02.02.19	enrg	JMC			size	
BP	F20301	LMU	02.04.22	chr	COMPAGNON			A3	
				appd	JMC			type	
								CUSTOMER Drawing	
sheet index	revision	BU	BU						
		1	2						

APPLICATION SPECIFIC				
PIN STYLE	MATING	SOLDER	OAL	
01	5.72	2.54	10.8	
02	5.84	3.43	11.81	
03	5.72	5.09	13.34	
04	5.72	7.62	15.88	
05	5.72	10.16	18.42	
06	5.72	12.7	20.96	
07	5.72	15.24	23.5	
08	5.72	17.78	26.04	
09	5.72	20.32	28.58	
10	5.72	22.86	31.12	
11	5.72	5.97	14.22	
12	5.72	8.51	16.76	
13	5.72	11.05	19.3	
14	5.72	16.13	24.38	
15	8.51	2.54	13.59	
16	8.51	5.51	16.56	
17	8.51	10.59	21.64	
18	5.72	3.05	11.3	
19	12.83	3.05	18.42	
20	15.37	3.05	20.96	
21	20.45	3.05	26.04	
22	7.75	3.05	13.34	
23	5.84	4.95	13.34	
24	7.21	3.05	12.8	
25	8.51	3.18	14.22	
26	15.57	2.84	20.96	

APPLICATION SPECIFIC				
PIN STYLE	MATING	SOLDER	OAL	
27	6.6	2.67	11.81	
28	6.6	4.19	13.34	
29	17.53	3.43	23.5	
30	22.61	3.43	28.58	
31	8.2	2.84	13.59	
32	10.29	3.05	15.88	
35	25.21	3.37	31.12	
38	5.84	3.81	12.19	
39	11.17	3.05	16.76	
41	4.99	2.8	10.33	
43	6.98	4.8	14.32	
44	12.27	3.35	18.16	
46	8.08	2.72	13.34	
48	5.84	2.42	10.8	
50	5.84	3.12	11.5	
56	5.72	3.05	11.3	
61	16.61	3.2	22.35	
62	13.5	3.05	19.09	
70	6.54	3.5	12.57	
73	28.4	3.18	34.12	
75	16.47	10.3	29.31	
79	3.3	3.3	9.14	
80	8.07	2.2	12.81	
90	1.9	3.56	8	
95	15.96	4	22.5	
96	5.84	3.43	11.81	

APPLICATION SPECIFIC				
PIN STYLE	MATING	SOLDER	OAL	
97	7.75	3.05	13.34	
98	10.29	3.05	15.88	



mat'l. code		SEE P/N		surface		tolerance		projection		product family	
Ltr	ecm no	dr	date	ISO 1382	ISO 486	ISO 1181	ISO 1181	1st angle	BERGSTIK		
BH	F05-018d	JCO	05.04.29	tolerances unless otherwise specified			mm	title			
BJ	F06-019d	LMU	06.06.20	angles	linear	xx ±0.3	scale 5:1	HEADER STR,SR.			
BD	F20118	DLE	02.01.15	dr	MULIN.L	99.04.07		2.54mm PITCH			
BE	F20301	LMU	02.04.23	engr	JMC	99.04.07		dwg no			
BF	F20607	LM	03.12.03	chr				75160			
BC	F03079	LMU	03.04.04	appd	JMC	99.04.07		sheet 2 of - size			
sheet index	revision sheet									type	
										CUSTOMER Drawing	