

PRODUCT NUMBER
75160-YXX-XXLF

RoHS COMPLIANT & COMPATIBLE, SEE NOTE 8

TOTAL NB OF POSITIONS 02 TO 36

PIN STYLE SEE SHEET 2

PLATING:

1 = 0.76µm FULL GOLD/GXT

3 = 2µm MIN MATTE TIN FULL PLATED

8 = 0.38µm FULL GOLD/GXT

1.27µm MIN NICKEL UNDERPLATING

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC
FLAME RETARDANT PER UL94-VO, COLOR BLACK.

2. PIN MATERIAL : PHOSPHOR BRONZE.

3. DIM 1.27^{+0.03}_{-0.13} 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 - "LF" MEANS THE PRODUCT IS LEAD-FREE

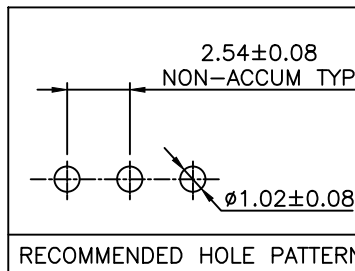
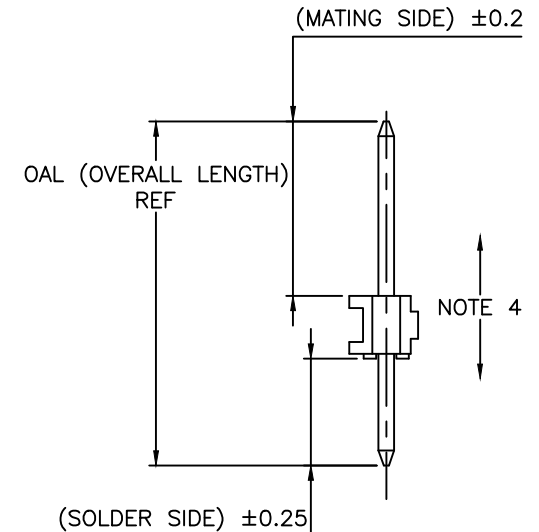
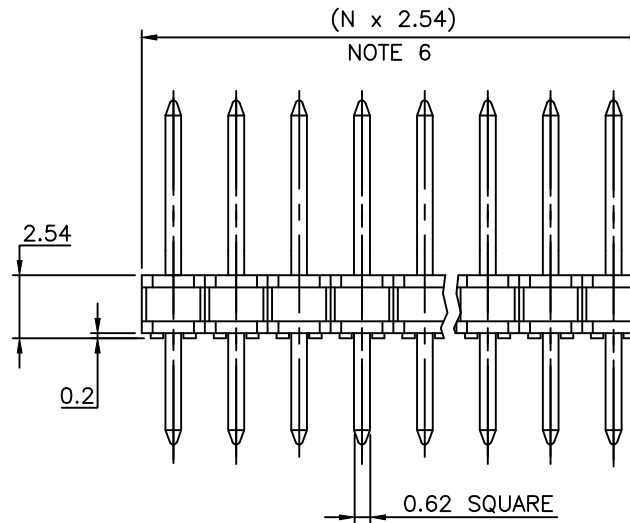
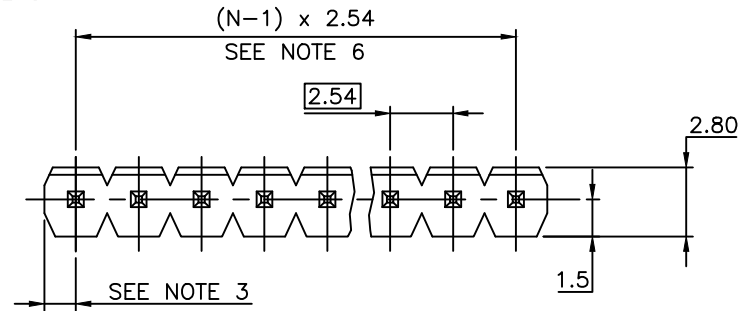
b - MANUFACTURING PROCESS COMPATIBILITY

- 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 NOTES				ISO 1302		ISO 406 ISO 1101			BERGSTIK	
ltr	ecr	no	dr	date	tolerances unless otherwise specified				title	
BR	F20607	LMU	03.12.03		angles	linear	.x	±0.3	mm	
BS	F03079	LMU	03.04.04				.xx	±0.15		
BT	F05-0186	JCO	05.04.29				xxx	±0.05	scale 5:1	
BU	F06-0196	LMU	06.06.20	dr	D LEGRAND				FCI	
BV	F08-0148	JCO	08.05.27	enr	JMC					
BW	B-19264	LMU	14.10.31	chr	COMPAGNON				75160	
				appd	JMC					
									type CUSTOMER Drawing	
sheet index	revision sheet	BW	BK							
		2								



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form: A3

APPLICATION SPECIFIC

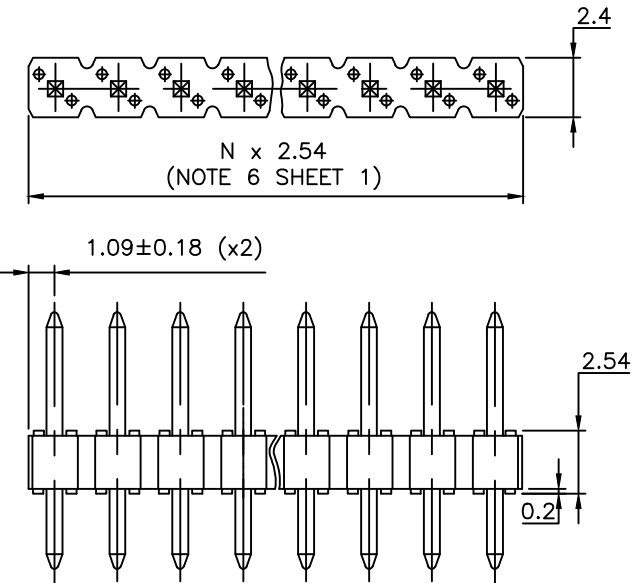
PIN	STYLE	MATING	SOLDER	OAL
01		5.72	2.54	10.8
02		5.84	3.43	11.81
03		5.72	5.09	13.34
04		5.72	7.62	15.88
05		5.72	10.16	18.42
06		5.72	12.7	20.96
07		5.72	15.24	23.5
08		5.72	17.78	26.04
09		5.72	20.32	28.58
10		5.72	22.86	31.12
11		5.72	5.97	14.22
12		5.72	8.51	16.76
13		5.72	11.05	19.3
14		5.72	16.13	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



BODY DESIGN AND DIMENSIONS
ONLY FOR FOLLOWING P/NUMBER :

75160-101/301-XXLF; 75160-102-XXLF
75160-118/318-XXLF; 75160-322-XXLF
75160-132-XXLF

mat'l. code SEE P/N				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title			
BH		F05-0186		JCO		05.04.29		angles		HEADER STR,SR.			
BJ		F06-0196		LMU		06.06.20		linear		2.54mm PITCH			
BK		B-19264		LMU		14.10.31		.X ±0.3		mm			
								.XX ±0.15		scale 5:1			
								XXX ±0.05					
				dr		MULIN.L		99.04.07		dwg no			
		F20301		LMU		02.04.23		engr		sheet 2 of -			
								JMC		99.04.07			
BF		F20607		LM		03.12.03		chr		75160			
BG		F03079		LMU		03.04.04		appd		A3			
								JMC		99.04.07			
										type			
										CUSTOMER			
										Drawing			
sheet index		revision sheet											