

RoHS COMPLIANT & COMPATIBLE, SEE NOTE 8
TOTAL NB OF POSITIONS 02 TO 36
PIN STYLE SEE SHEET 2

1 = 0.76 μ m FULL GOLD/GXT

3 = 2μm MIN MATTE TIN FULL PLATED

8 = 0.38 μ m FULL GOLD/GXT

1.27μm MIN NICKEL UNDERPLATING

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 $N \times 2.54 = 20.32\text{mm}$

7. FOR STANDARD SELECTIVE GOLD PLATED PRODUCTS, SEE DRAWING 77311.

8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

g - "LF" MEANS THE PRODUCT IS LEAD-FREE

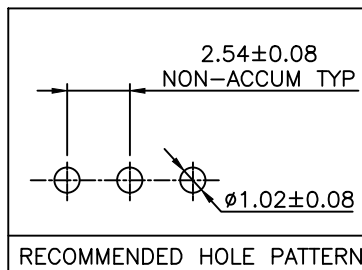
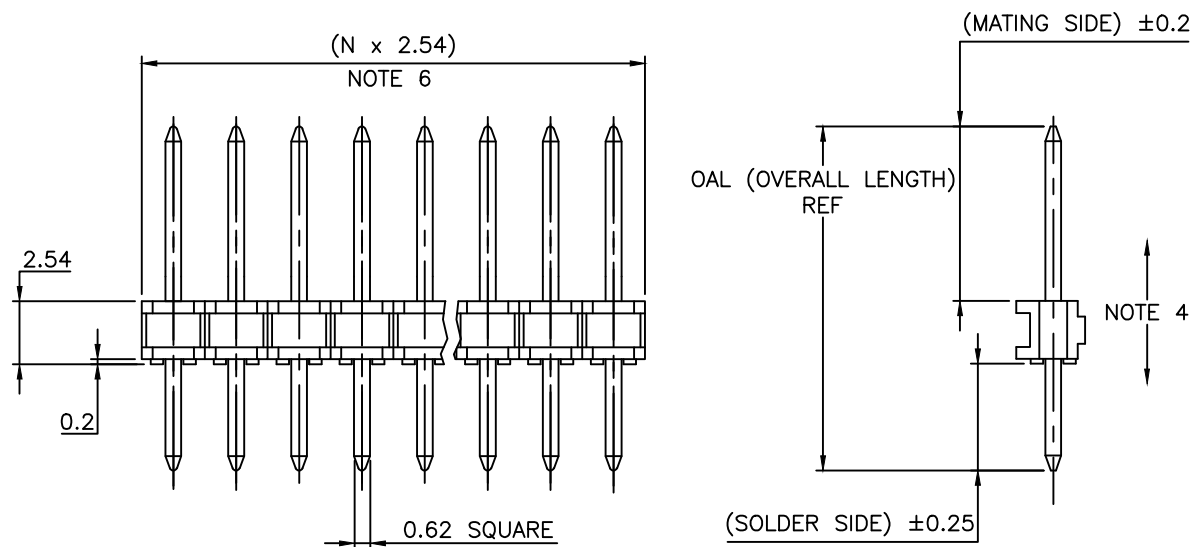
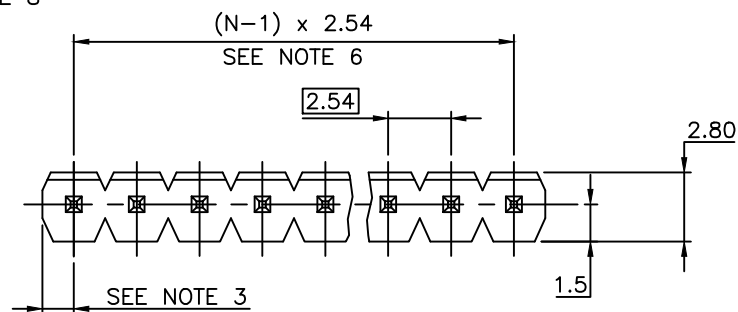
b – MANUFACTURING PROCESS COMPATIBILITY

- 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

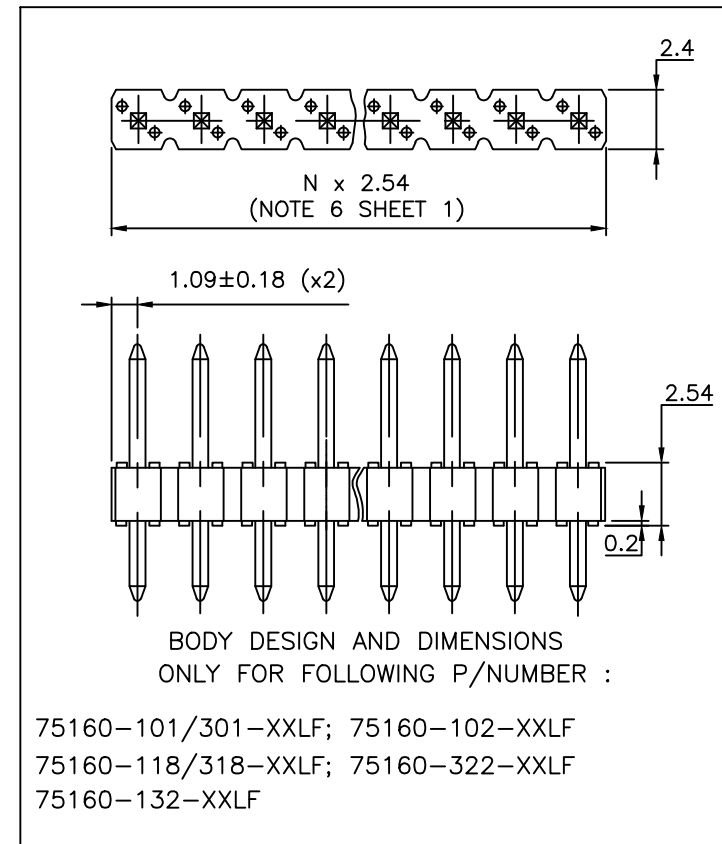


mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
BR	F20607	LMU	03.12.03	angles linear		.X ±0.3		mm 		HEADER SR,STR 2.54mm PITCH			
BS	F03079	LMU	03.04.04			.XX ±0.15							
BT	F05-0186	JCO	05.04.29			XXX ±0.05							
								scale 5:1					
BU	F06-0196	JMU	06.06.20	dr	D LEGRAND	02.01.15				dwg no		sheet 1 of 2	size
BV	F08-0148	JMU	08.05.27	engr	JMC	02.01.15							
BW	B-19264	LMU	14.10.31	chr	COMPAGNON J	02.01.15							A3
				appd	JMC	02.01.15							
sheet index		revision sheet		BW	BK								
				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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
BH	F05-0186	JCO	05.04.29	angles	.x ±0.3	mm	HEADER STR,SR. 2.54mm PITCH
BJ	F06-0196	LMU	06.06.20	linear	.xx ±0.15		
BK	B-19264	LMU	14.10.31		xxx ±0.05	scale 5:1	dwg no
	F20301	LMU	02.04.23	enfr	JMC	99.04.07	sheet 2 of - size
BF	F20607	LM	03.12.03	chr		99.04.07	75160 A3
BG	F03079	LMU	03.04.04	appd	JMC	99.04.07	type CUSTOMER Drawing
sheet index	revision sheet						

Mouser Electronics

Authorized Distributor

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FCI:

[75160-101-02LF](#) [75160-101-03LF](#) [75160-101-04LF](#) [75160-101-07LF](#) [75160-101-08LF](#) [75160-101-20LF](#) [75160-101-36LF](#) [75160-102-02LF](#) [75160-102-03LF](#) [75160-102-08LF](#) [75160-102-10LF](#) [75160-102-36LF](#) [75160-102R03LF](#) [75160-102R06LF](#) [75160-103-36LF](#) [75160-104-02LF](#) [75160-104-36LF](#) [75160-105-08LF](#) [75160-105-36LF](#) [75160-106-36LF](#) [75160-107-36LF](#) [75160-108-36LF](#) [75160-110-36LF](#) [75160-111-36LF](#) [75160-114-10LF](#) [75160-115-14LF](#) [75160-115-36LF](#) [75160-116-36LF](#) [75160-118-02LF](#) [75160-118-03LF](#) [75160-118-08LF](#) [75160-118-09LF](#) [75160-118-11LF](#) [75160-118-20LF](#) [75160-118-25LF](#) [75160-118-36LF](#) [75160-119-09LF](#) [75160-119-12LF](#) [75160-119-36LF](#) [75160-120-36LF](#) [75160-122-13LF](#) [75160-122-36LF](#) [75160-124-36LF](#) [75160-125-36LF](#) [75160-126-08LF](#) [75160-126-36LF](#) [75160-127-03LF](#) [75160-128-09LF](#) [75160-128-36LF](#) [75160-132-09LF](#) [75160-132-11LF](#) [75160-132-36LF](#) [75160-135-36LF](#) [75160-138-08LF](#) [75160-139-36LF](#) [75160-148-36LF](#) [75160-150-04LF](#) [75160-150-05LF](#) [75160-150-06LF](#) [75160-150-08LF](#) [75160-150-20LF](#) [75160-150-36LF](#) [75160-156-02LF](#) [75160-156-03LF](#) [75160-156-04LF](#) [75160-156-20LF](#) [75160-156-36LF](#) [75160-175-20LF](#) [75160-301-03LF](#) [75160-301-06LF](#) [75160-301-36LF](#) [75160-302-02LF](#) [75160-302-03LF](#) [75160-302-05LF](#) [75160-302-08LF](#) [75160-302-10LF](#) [75160-302-17LF](#) [75160-302-28LF](#) [75160-302-36LF](#) [75160-303-36LF](#) [75160-311-36LF](#) [75160-313-19LF](#) [75160-315-36LF](#) [75160-316-03LF](#) [75160-318-02LF](#) [75160-318-03LF](#) [75160-318-36LF](#) [75160-319-03LF](#) [75160-322-20LF](#) [75160-322-36LF](#) [75160-325-08LF](#) [75160-326-06LF](#) [75160-327-02LF](#) [75160-327-04LF](#) [75160-327-05LF](#) [75160-327-06LF](#) [75160-327-10LF](#) [75160-327-24LF](#) [75160-327-36LF](#) [75160-329-36LF](#)