

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

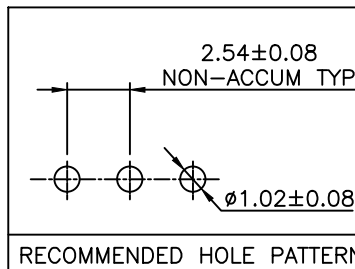
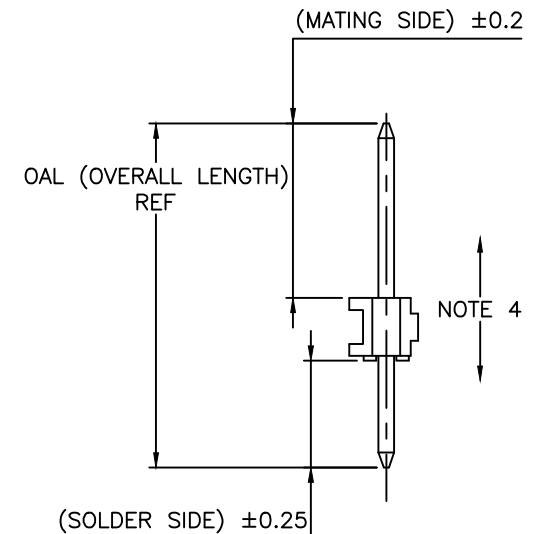
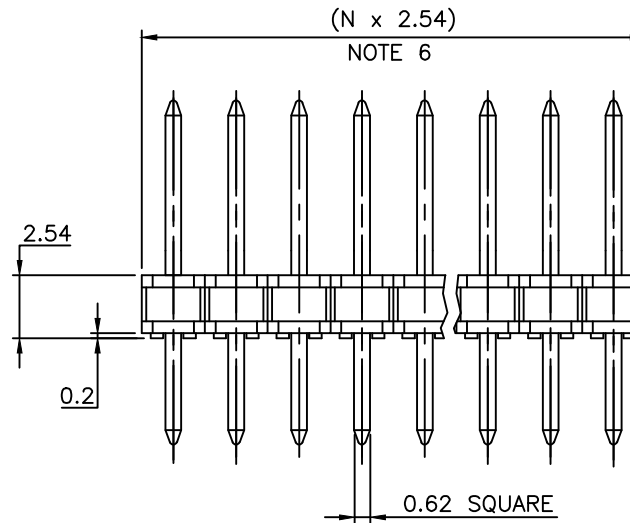
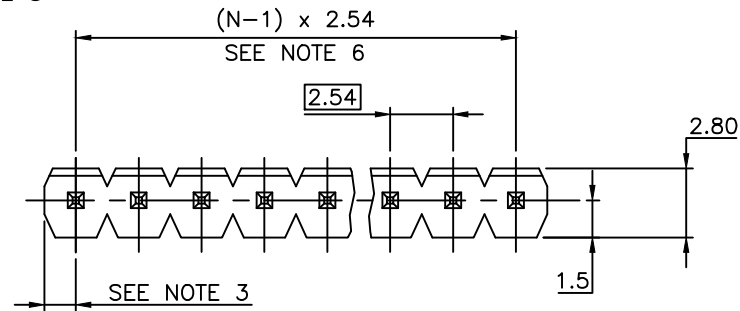
b - MANUFACTURING PROCESS COMPATIBILITY

- 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

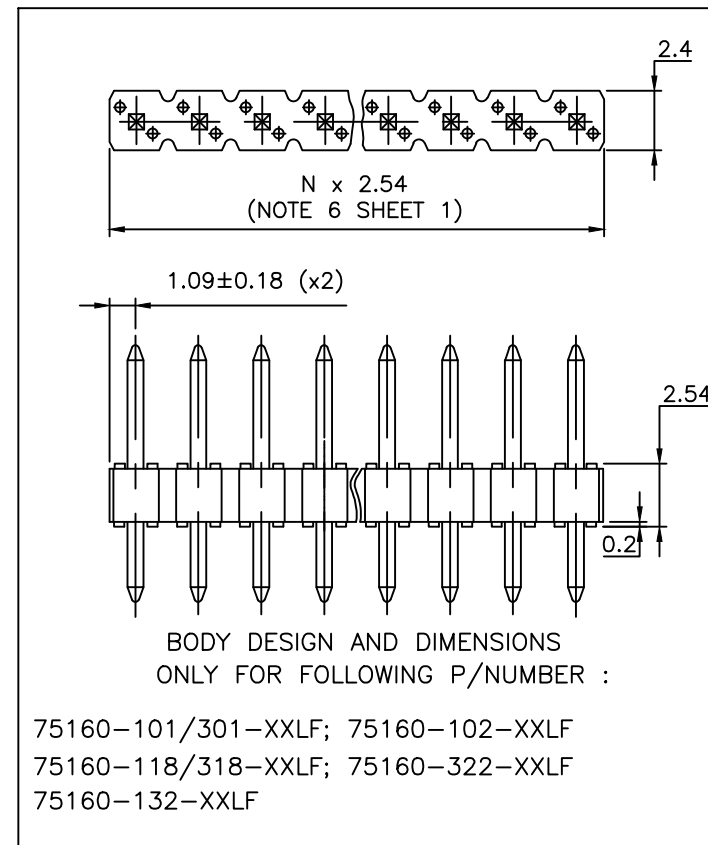


mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK					
ltr	ecr	no	dr	date	tolerances unless otherwise specified					title					
BR	F20607	LMU		03.12.03	angles	linear	.x	±0.3		HEADER SR,STR 2.54mm PITCH					
BS	F03079	LMU		03.04.04			.xx	±0.15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

Mouser Electronics

Authorized Distributor

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[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](#)