PRODUCT NUMBER
75160–YXX–XXLF

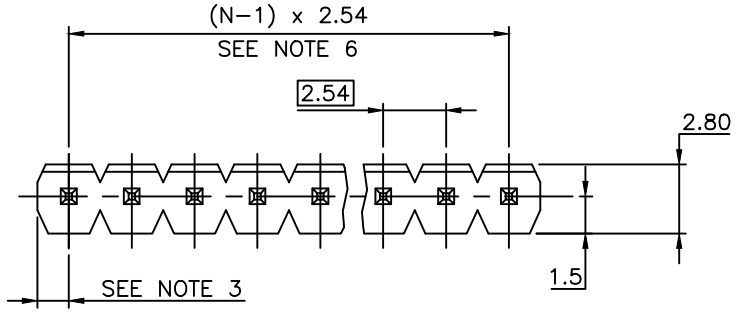
- RoHS COMPLIANT & COMPATIBLE, SEE NOTE 8
- TOTAL NB OF POSITIONS 02 TO 36
- PIN STYLE SEE SHEET 2
- PLATING:

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

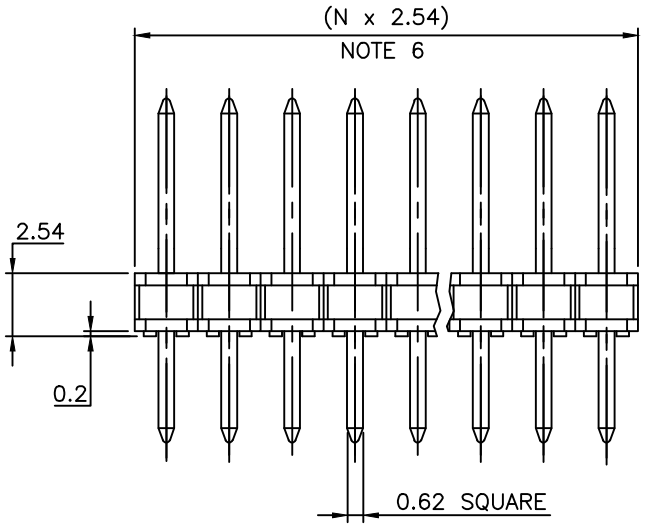
   b – MANUFACTURING PROCESS COMPATIBILITY

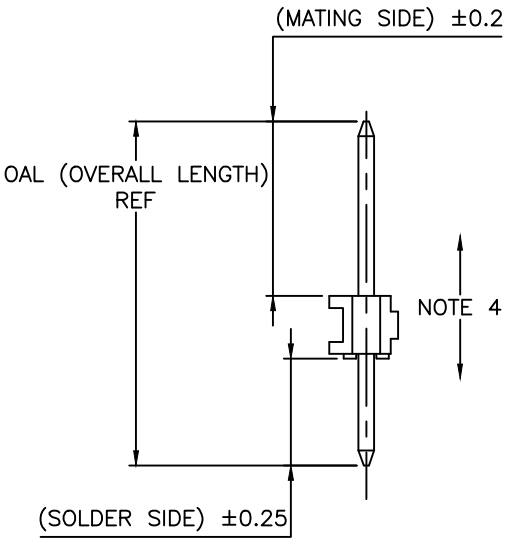
   – THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

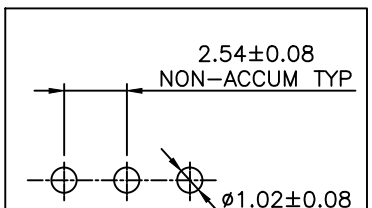
   c – LABELING:

   – MEETS PACKAGING SPECS AS PER GS–14–920

   d – LEGAL STATEMENT: SEE GS–47–0004







RECOMMENDED HOLE PATTERN

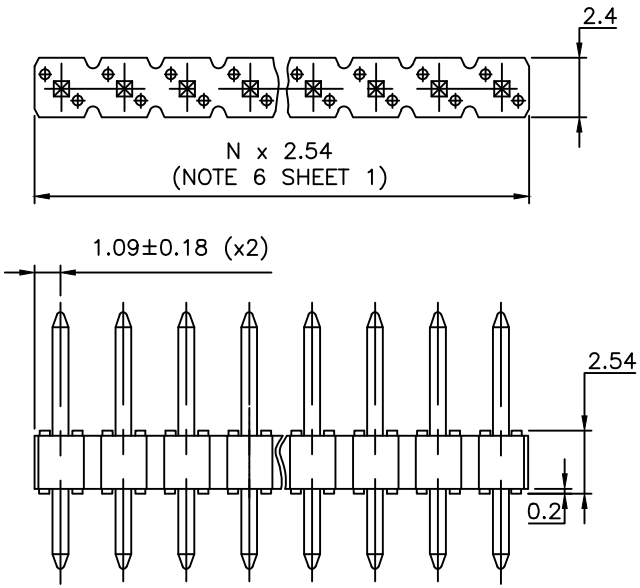
mat'l. code SEE NOTES				surface ISO 1302	tolerance ISO 406 ISO 1101		projection	product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified							
BR	F20607	LMU	03.12.03	angles	linear	.x ±0.3	mm	title HEADER SR,STR 2.54mm PITCH			
BS	F03079	LMU	03.04.04			.xx ±0.15					
BT	F05–0186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

Copyright FCI
FCIconnect.com
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: HEADER STR,SR. 2.54mm PITCH	
BH	F05-0186	JCO	05.04.29	angles	linear	.x ±0.3		mm		
BJ	F06-0196	LMU	06.06.20			.xx ±0.15				
BK	B-19264	LMU	14.10.31			.xxx ±0.05		scale 5:1		
				dr	MULIN.L		99.04.07		dwg no: 75160	sheet 2 of – / size A3
	F20301	LMU	02.04.23	engr	JMC		99.04.07			
BF	F20607	LM	03.12.03	chr					type: CUSTOMER	Drawing
BG	F03079	LMU	03.04.04	appd	JMC		99.04.07			
sheet index	revision sheet									

FCIconnect.com
Copyright FCI

form: A3