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PRODUCT NUMBER  
75160-YXX-XXLF

WHEN REQUIRED, ADD SUFFIX LETTER "LF"  
INDICATES THE PRODUCT IS RoHS COMPLIANT  
& COMPATIBLE, SEE NOTE 8  
TOTAL NB OF POSITIONS O2 TO 36

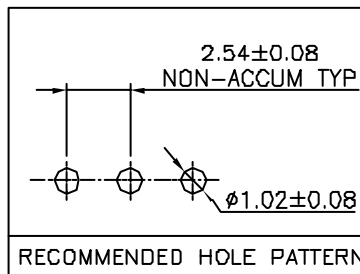
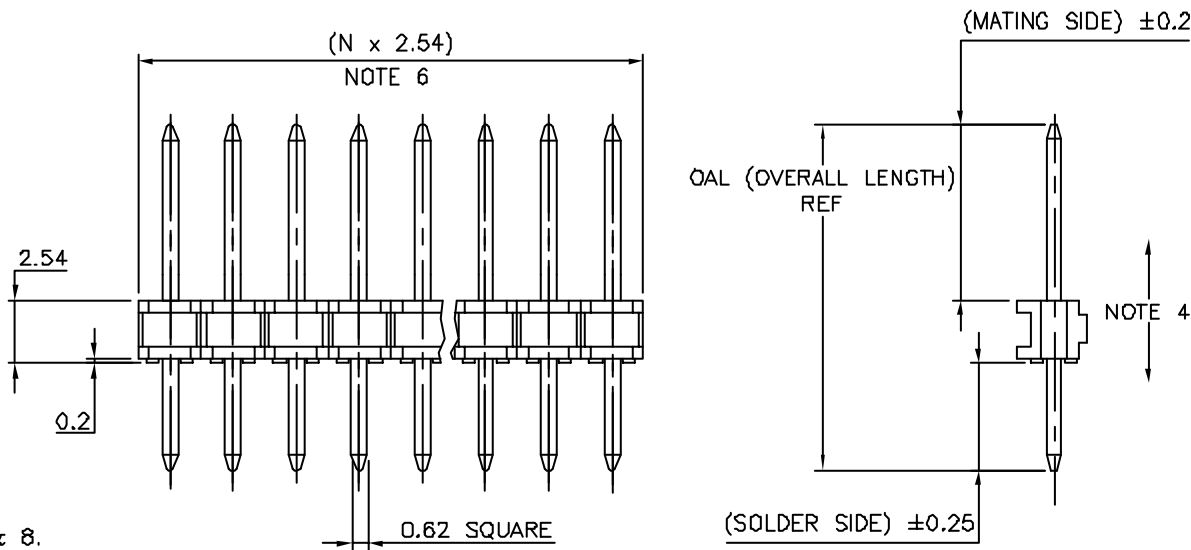
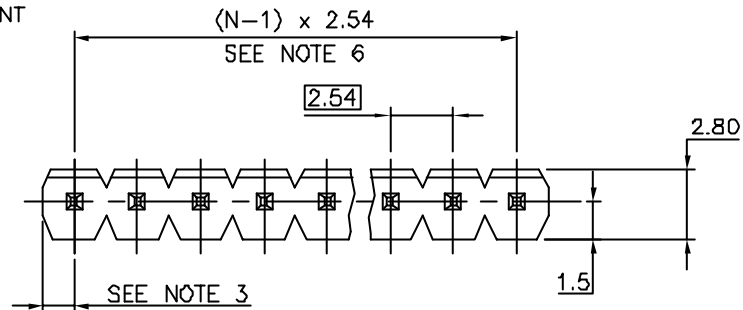
PLATING:

PIN STYLE SEE SHEET 2

- 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  
LEADFREE IDENTIFICATION FOR PLATING VERSION 1 & 8.
  - 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 SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com	
litr	ecr no	dr	date	linear		projection
BR	F20807	LMJ	03.12.03	x ±0.3		
B5	F03079	LMJ	03.04.04	.XX ±0.15		
BT	FD5-0186	JCD	05.04.29	.XXX ±0.03	mm	
		dr	D LEGRAND	02.01.15	product family	
BM	F20116	DLE	02.01.15	02.01.15	BERGSTIK	
BN	F20149	DLE	02.02.19	chr COMPAGNON	code	
BP	F20301	LMJ	02.04.22	appJMC	02.01.15	213
sheet	revision	BT	BH		scale	1 of 2
index	sheet	1	2		5:1	

For pin style information, see the applicable pin style in the pin style table.  
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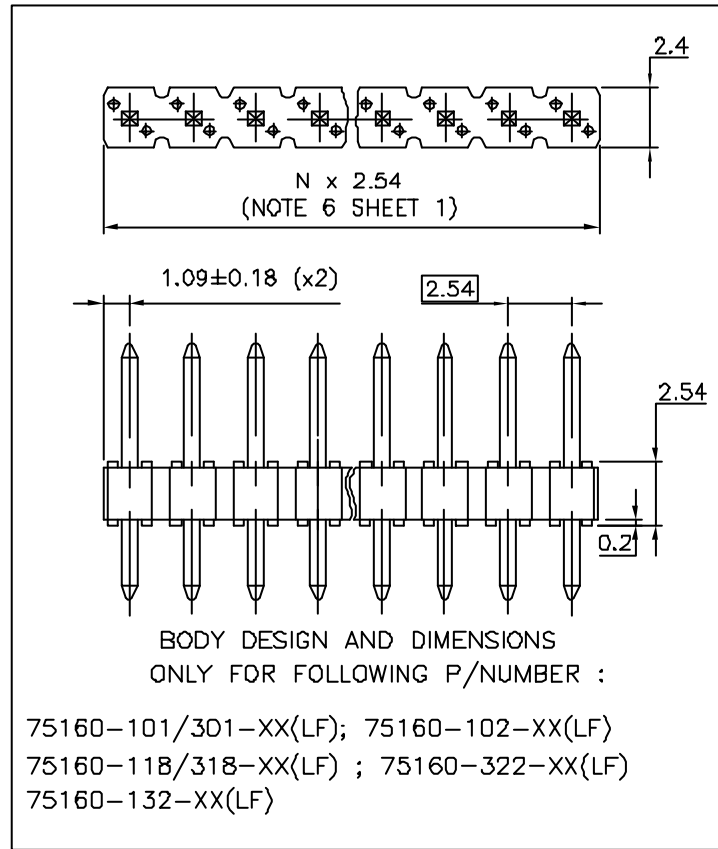
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APPLICATION SPECIFIC			
PIN STYLE	MATING	SOLDER	OAL
01	5.72	2.54	10.8
02	5.84	3.43	11.81
03	5.72	5.09	13.34
04	5.72	7.62	15.88
05	5.72	10.16	18.42
06	5.72	12.7	20.96
07	5.72	15.24	23.5
08	5.72	17.78	26.04
09	5.72	20.32	28.58
10	5.72	22.86	31.12
11	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		tolerances unless otherwise specified		CUSTOMER COPY	 <b>ELECTRONICS</b> www.fciconnect.com
ltr	ecr no	dr	date	linear	
BH	F05-0186	JCD	05.04.29	linear	$\times \pm 0.3$ $XX \pm 0.15$ $XXX \pm 0.03$
BC	F10318	LMJ	01.09.12	angles	
BD	F20116	OLE	02.01.15	dr	MULIN.L
BE	F20301	LMJ	02.04.23	engr	JNC
BF	F20607	LM	03.12.03	chr	
BG	F03079	LMJ	03.04.04	appr	JMC
sheet	revision				99.04.07
index	sheet				99.04.07
				scale	5:1
				product family	BERGSTIK
				size	A3
				dwg no	75160
				code	213
				sheet	2 of -