

PRODUCT NUMBER
75844-YXX-XXLF

WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS COMPLIANT
& COMPATIBLE, SEE NOTE 8

TOTAL NB OF POSITIONS 04 TO 72

PLATING:

PIN STYLE SEE SHEET 2

1 = 0.76µm FULL GOLD/GXT, 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

6 = 0.76µm FULL GXT (PdNi), WITH GOLD FLASH, OVER 1.27µm Ni MIN

8 = 0.38µm FULL GOLD/GXT, 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^{+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 77313.

8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - SUFFIX "LF" IS ADDED JUST FOR EASY
LEADFREE IDENTIFICATION FOR PLATING VERSION 1 & 8.

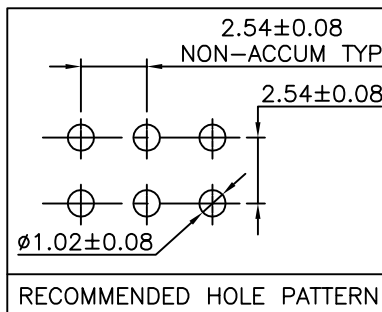
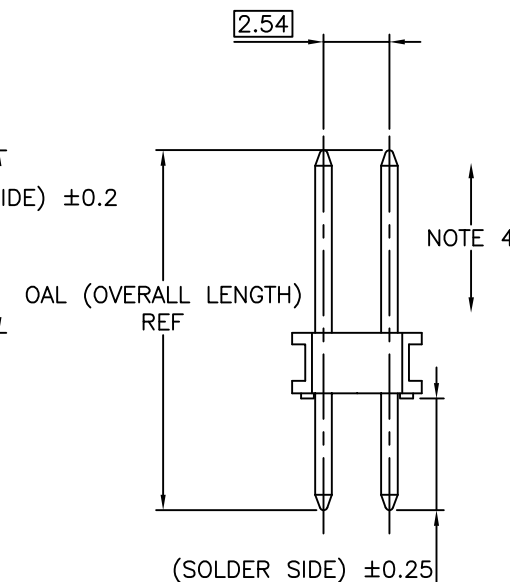
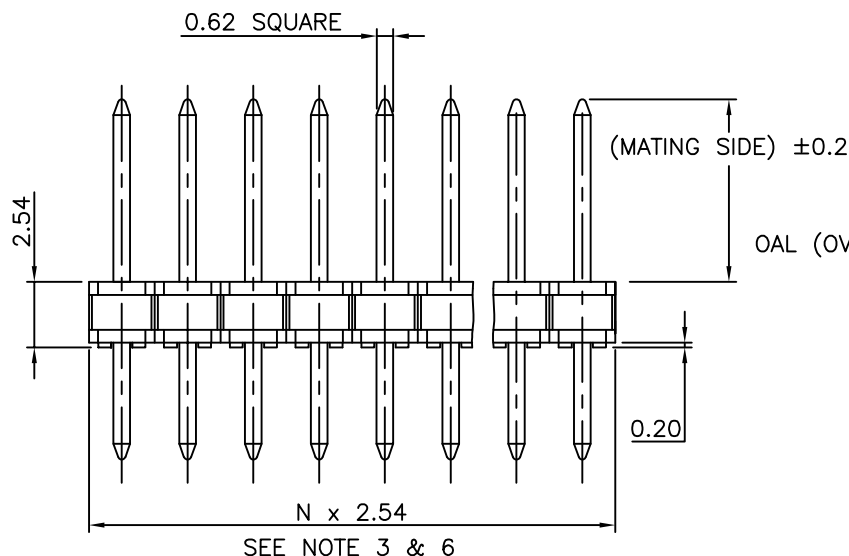
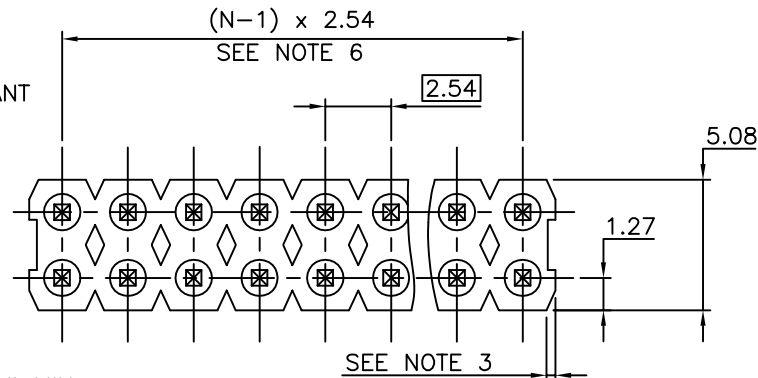
b - MANUFACTURING PROCESS COMPATIBILITY

- 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 P/N				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
BP	F06-0169	LMU	06.04.21	angles	linear	.X ±0.3		mm		HEADER STR DOUBLE ROW			
BR	F06-0196	LMU	06.06.20			.XX ±0.15							
BS	F07-0103	LMU	07.01.05			XXX ±0.05		scale 5:1					
BT	F08-0148	JCO	08.05.27	dr	COMPAGNON	J	95.07.10			dwg no			
BU	F10-0210	LMU	10.09.14	enfr	JMC		95.07.10			sheet 1 of 3			
				chr						75844			
BN	F05-0186	LMU	05.05.24	appd	JMC		95.07.10			A3			
sheet index		revision sheet		BU	BG	BF							
				1	2	3							
										type CUSTOMER Drawing			



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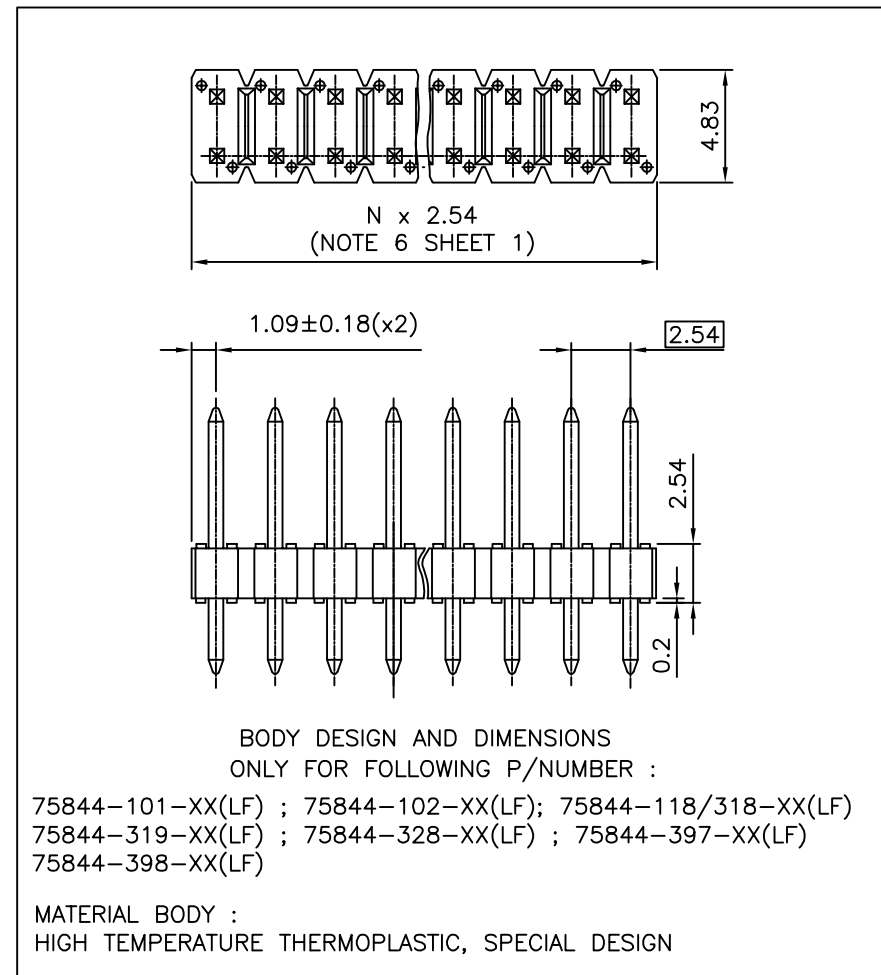
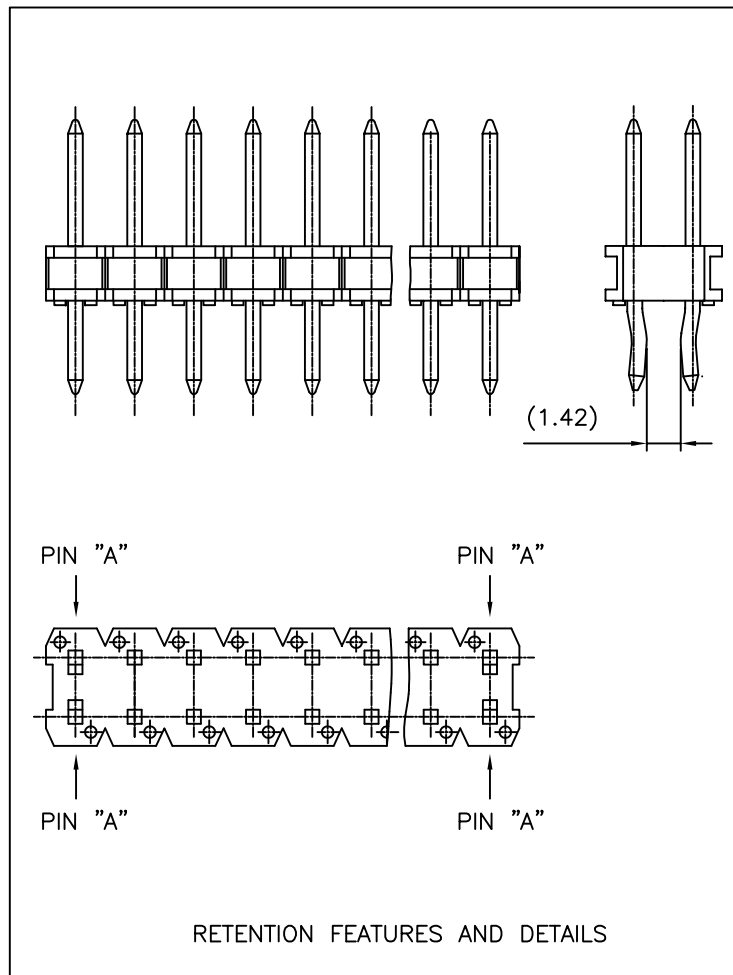
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APPLICATION SPECIFIC				
PIN	STYLE	MATING	SOLDER	OAL
01		5.72	2.54	10.8
02		5.84	3.43	11.81
03		5.72	5.08	13.34
04		5.72	7.62	15.88
05		5.72	10.16	18.42
06		5.72	12.7	20.96
07		5.72	15.24	23.5
08		5.72	17.78	26.04
09		5.72	20.32	28.58
10		5.72	22.86	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

APPLICATION SPECIFIC				
PIN	STYLE	MATING	SOLDER	OAL
21		20.45	3.05	26.04
22		7.75	3.05	13.34
24		7.21	3.05	12.8
25		8.51	3.18	14.22
26		15.57	2.84	20.96
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		2.41	3.05	8
33		1.6	29.38	33.52
34		12.21	2.9	17.65
35		25.21	3.37	31.12
36		11.5	12	26.04
38		30	0.98	33.52
39		1.6	31.58	35.72
40		10.29	3.05	15.88
41		9.1	3.34	14.98
42		13.25	3.3	19.09

APPLICATION SPECIFIC				
PIN	STYLE	MATING	SOLDER	OAL
43		13.02	13.02	28.58
48		5.84	2.42	10.8
49		1.5	27.08	31.12
50		5.84	3.12	11.5
52		9.5	3.05	15.09
56		5.72	3.05	11.3
58		14.47	3.05	20.06
70		6.54	3.5	12.57
79		3.3	3.3	9.14
82		19.27	4.23	26.04
92		17.45	3	23
94		4.79	3	10.33
95		27.58	1	31.12
98		13.28	2.6	18.42
AA		5.84	3.43	11.81
AB		12.83	3.05	18.42
AC		6.60	4.19	13.34
AD		13.28	2.60	18.42
AE		5.84	1.95	10.33
AF		24.46	3.00	29.98
AG		6.00	6.00	14.47

mat'l. code				surface ISO 1302 ☒ ISO 406 ☐ ISO 1101 ☐			tolerance tolerances unless otherwise specified		 mm scale 1:1	product family BERGSTIK		
ltr	ecn no	dr	date	angles			linear			title HEADER STR DOUBLE ROW		
BG	F10-0210	LMU	10.09.17									
BB	F20116	DLE	02.01.16									
BC	F20301	LMU	02.04.22	dr	COMPAGNON J	95.07.10						
BD	F05-0186	LMU	05.05.24	enr	JMC	95.07.10						
BE	F06-0169	LMU	06.04.21	chr								
BF	F06-0196	LMU	06.06.20	appd	JMC	95.07.10						
sheet index	revision sheet											



NOTES:

- 1 - PART NUMBER 75844-YXXRXX(LF)
- 2 - PINS "A" AND "B" USED FOR RETENTION.
- 3 - DIRECTION OF RETENTION SHOWN BY ARROWS.
- 4 - RETENTION VERSION ONLY AVAILABLE WHEN DIM"B" IS 2.9mm UP TO 3.5mm..

"R" INDICATES A RETENTION HEADER.

mat'l. code				surface	tolerance	projection	product family		
				ISO 1302	ISO 406 ISO 1101		BERGSTIK		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
AY	F00809	LMU	00.10.03	angles	.X ±0.3	mm	HEADER STR		
BA	F10518	LMU	01.09.12	linear	.XX ±0.15		DOUBLE ROW		
BB	F20116	DLE	02.01.16		.XXX ±0.05	scale 1:1			
BC	F20607	LMU	03.12.03	dr	COMPAGNON J	95.07.10	dwg no		
BD	F03079	LMU	03.04.04	enr	JMC	95.07.10	sheet 3 of - size		
BE	F05-0186	LMU	05.05.24	chr			75844		
BF	F06-0196	LMU	06.06.20	appd	JMC	95.07.10	A3		
sheet index	revision sheet						type CUSTOMER Drawing		