

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<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 77313.

8. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

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

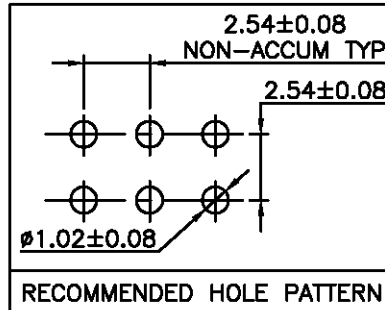
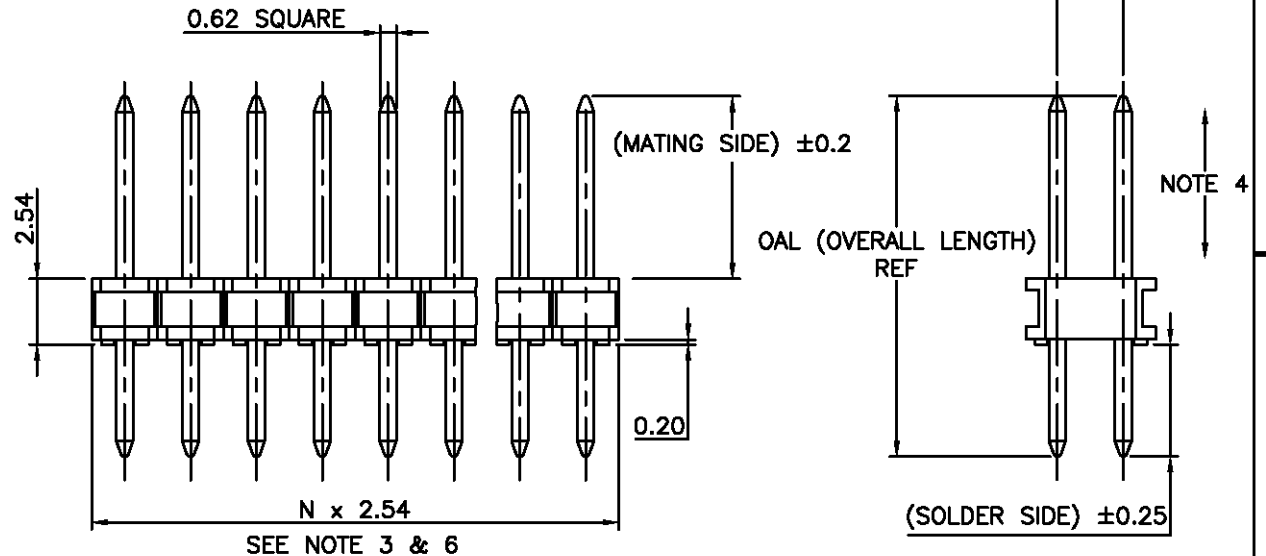
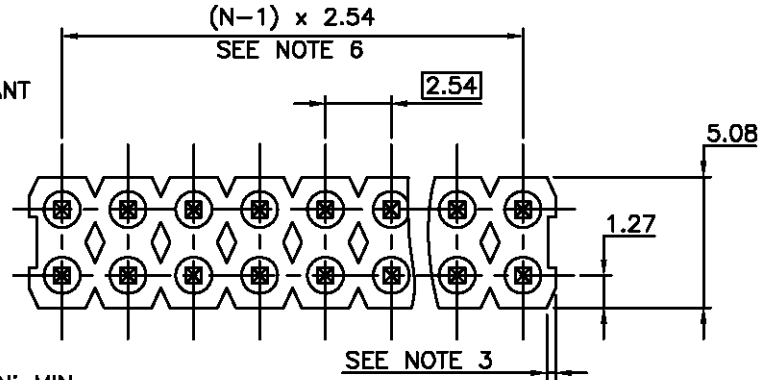
b - MANUFACTURING PROCESS COMPATIBILITY

- 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		surface		tolerance		projection		product family	
SEE P/N		ISO 1302		ISO 486 ISO 1101		mm		BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
BP	F06-0166	LMU	06.04.21	angles	.x ±0.3	mm		HEADER STR	
BR	F08-0196	LMU	06.06.20	linear	.xx ±0.16	mm		DOUBLE ROW	
BS	F07-0103	LMU	07.01.05		.xxx ±0.06	scale 5:1		dwg no	
BT	F08-0146	JCO	08.05.27	dr	COMPAGNON	J	95.07.10	sheet 1 of 3	
BU	F10-0210	LMU	10.09.14	enr	JMC		95.07.10	size	
BN	F06-0186	LMU	05.05.24	app	JMC		95.07.10	75844	
sheet	revision	BU	BG	BF				A3	
Index	sheet	1	2	3				type CUSTOMER Drawing	

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

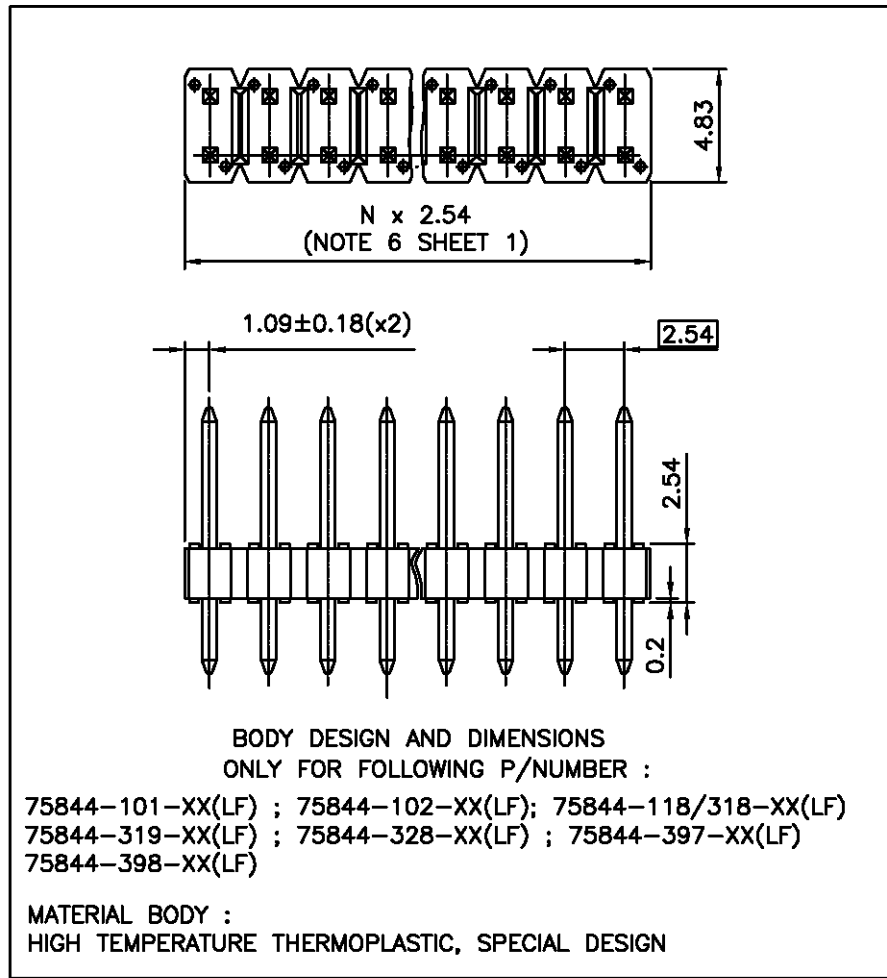
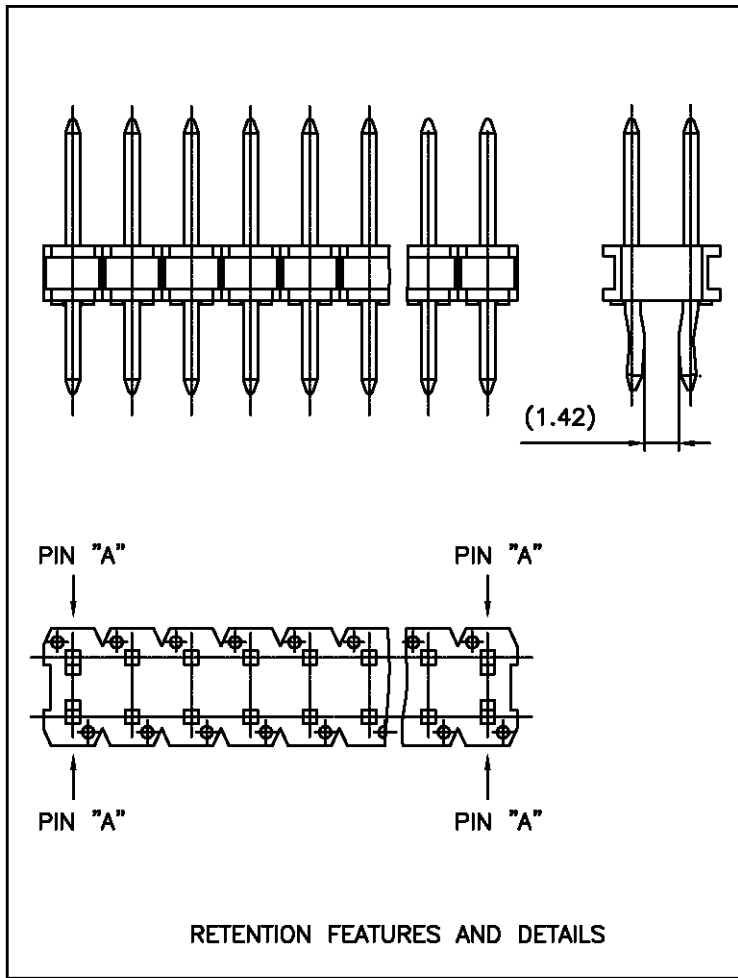
APPLICATION SPECIFIC			
PIN STYLE	MATING	SOLDER	OAL
43	13.02	13.02	28.58
48	5.84	2.42	10.8
49	1.5	27.08	31.12
50	5.84	3.12	11.5
52	9.5	3.05	15.09
56	5.72	3.05	11.3
58	14.47	3.05	20.06
70	6.54	3.5	12.57
79	3.3	3.3	9.14
82	19.27	4.23	26.04
92	17.45	3	23
94	4.79	3	10.33
95	27.58	1	31.12
98	13.28	2.6	18.42
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



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mat'l. code		surface <input checked="" type="checkbox"/> ISO 1302 <input type="checkbox"/> ISO 486 <input type="checkbox"/> ISO 1101		tolerance <input type="checkbox"/> tolerances unless otherwise specified		projection		product family BERGSTIK	
ltr	ecn no	dr	date	angles linear		mm		title	
BG	F10-0210	LMU	10.09.17			scale 1:1		HEADER STR DOUBLE ROW	
BB	F20116	DLE	02.01.18					dwg no 75844 sheet 2 of - size A3	
BC	F20301	LMU	02.04.22	dr	COMPAGNON	J	95.07.10	type CUSTOMER Drawing	
BD	F05-0186	LMU	05.05.24	enrg	JMC		95.07.10		
BE	F08-0168	LMU	06.04.21	chr					
BF	F08-0186	LMU	06.06.20	appd	JMC		95.07.10		
sheet	revision								
Index	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 486 ISO 1101		mm		BERGSTIK	
ltr		ecn no		dr		date		title	
AY		F00809		LMU		00.10.03		HEADER STR DOUBLE ROW	
BA		F10518		LMU		01.08.12			
BB		F20116		DLE		02.01.18			
BC		F20607		LMU		03.12.03		dr COMPAGNON J 95.07.10	
BD		F03079		LMU		03.04.04		enrg JMC 95.07.10	
BE		F05-0186		LMU		05.05.24		chr	
BF		F06-0186		LMU		06.06.20		appd JMC 95.07.10	
sheet		revision							
Index		sheet							