

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

PIN STYLE SEE SHEET 2

PLATING:

- 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
- 6 = 0.76µm FULL GXT (PdNi), WITH GOLD FLASH, OVER 1.27µm Ni MIN
- 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 $1.27^{+0.03}_{-0.13}$ 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 $N \times 2.54 = 20.32\text{mm}$
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.

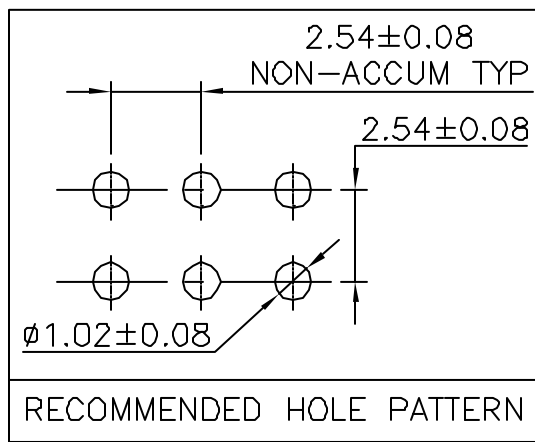
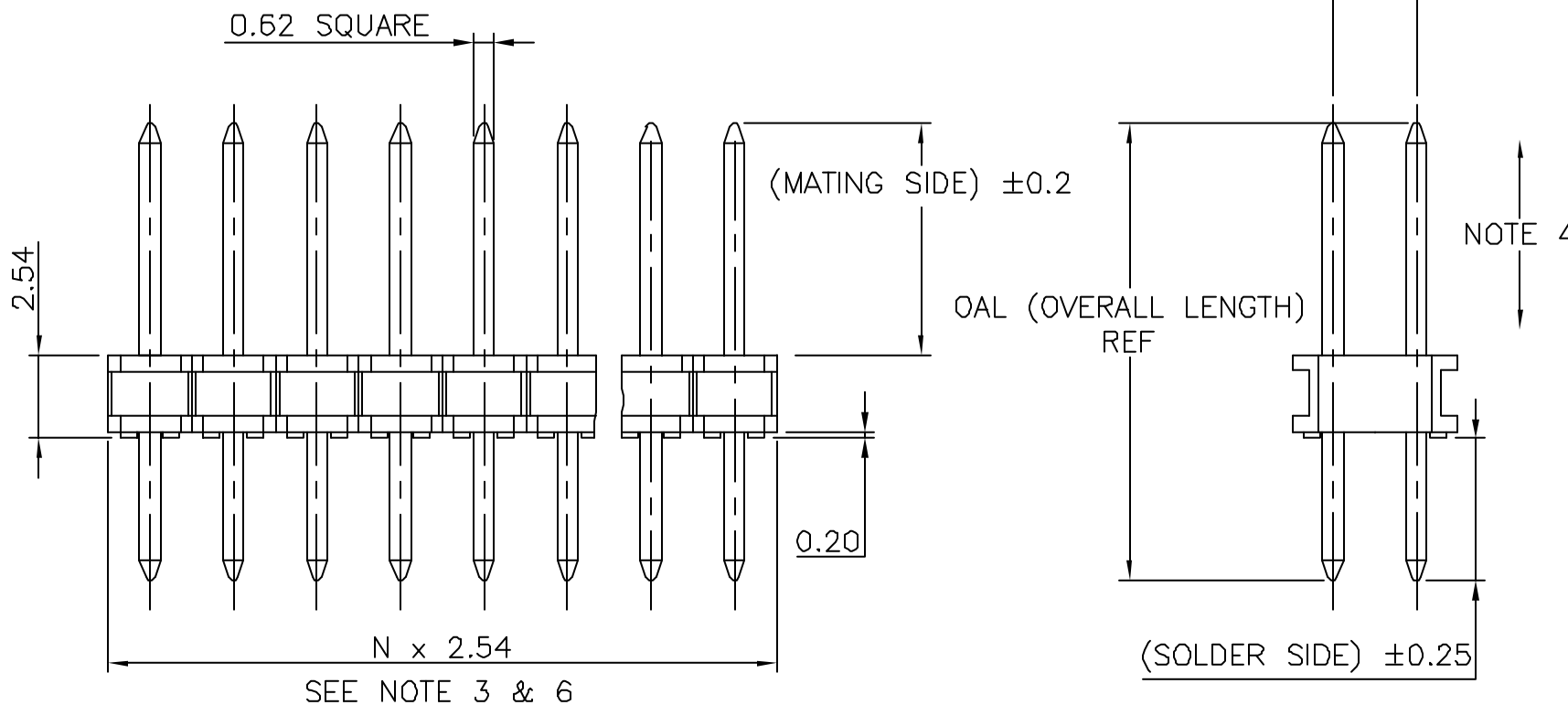
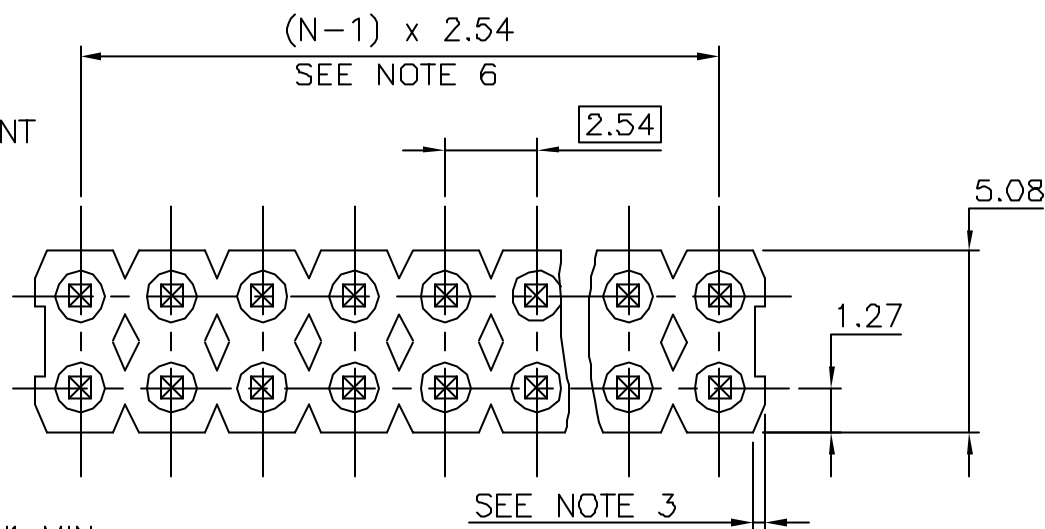
b - MANUFACTURING PROCESS COMPATIBILITY

- 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 416 ISO 1101	projection mm	product family BERGSTIK
Ltr	ecn na dr date	tolerances unless otherwise specified	angles Linear	scale 5:1	title HEADER STR DOUBLE ROW
BP	F06-0169 LMU 06.04.21	.x ±0.3			dwg no 75844
BR	F06-0196 LMU 06.06.20	.xx ±0.15			sheet 1 of 3
BS	F07-0103 LMU 07.01.05	xxx ±0.05			size A3
BL	F20607 LMU 03.12.03	dr COMPAGNON J 95.07.10			type CUSTOMER Drawing
BM	F03079 LMU 03.04.04	enr JMC 95.07.10			
BN	F05-0186 LMU 05.05.24	chr JMC 95.07.10			
sheet index	revision	BS	BF	BF	
	sheet	1	2	3	



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APPLICATION SPECIFIC			
PIN	STYLE	MATING	OAL
01		5.72	2.54
02		5.84	3.43
03		5.72	5.08
04		5.72	7.62
05		5.72	10.16
06		5.72	12.7
07		5.72	15.24
08		5.72	17.78
09		5.72	20.32
10		5.72	22.86
11		5.72	5.97
12		5.72	8.51
13		5.72	11.05
14		5.72	16.13
15		8.51	2.54
16		8.51	5.51
17		8.51	10.59
18		5.72	3.05
19		12.83	3.05
20		15.37	3.05

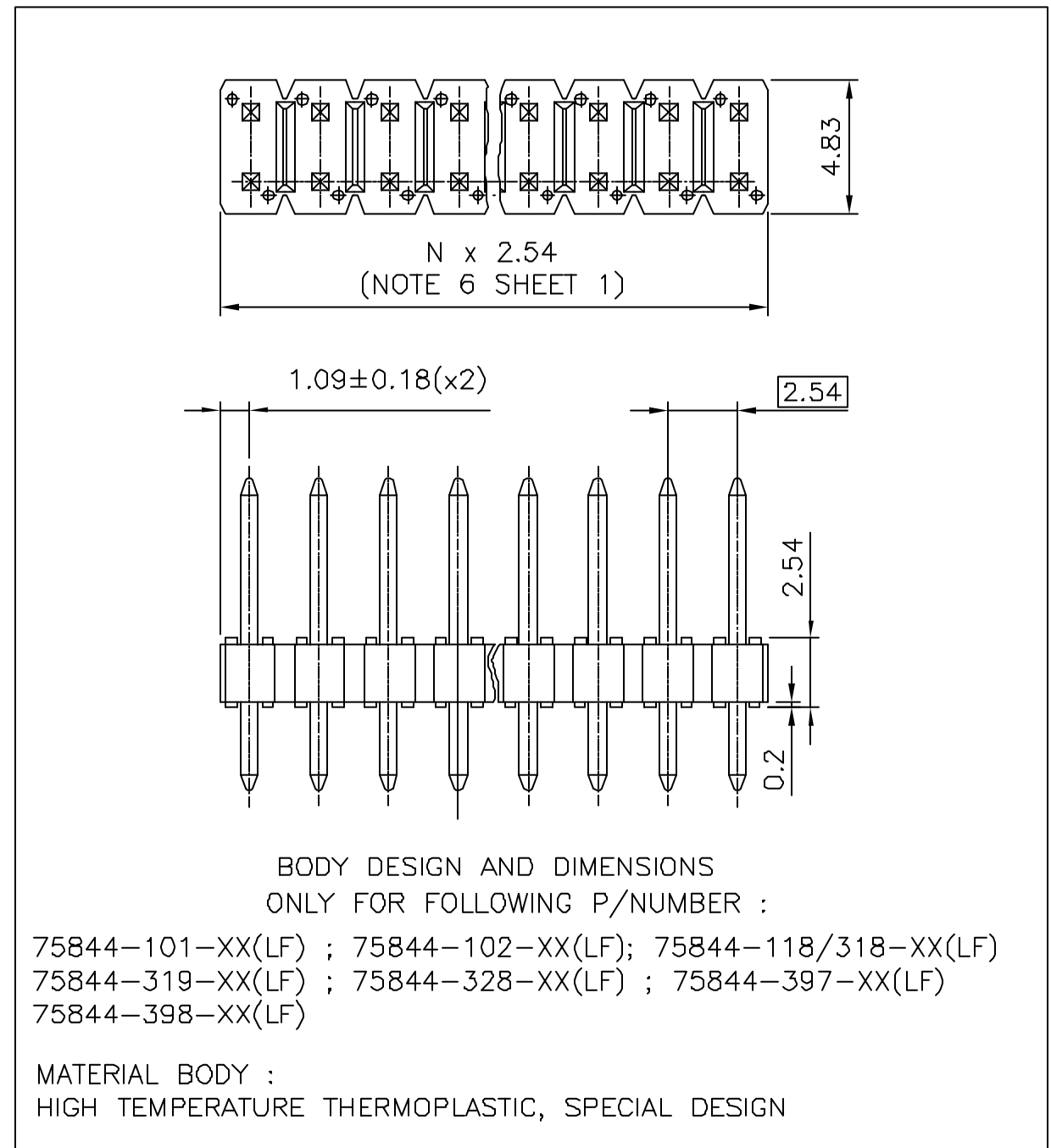
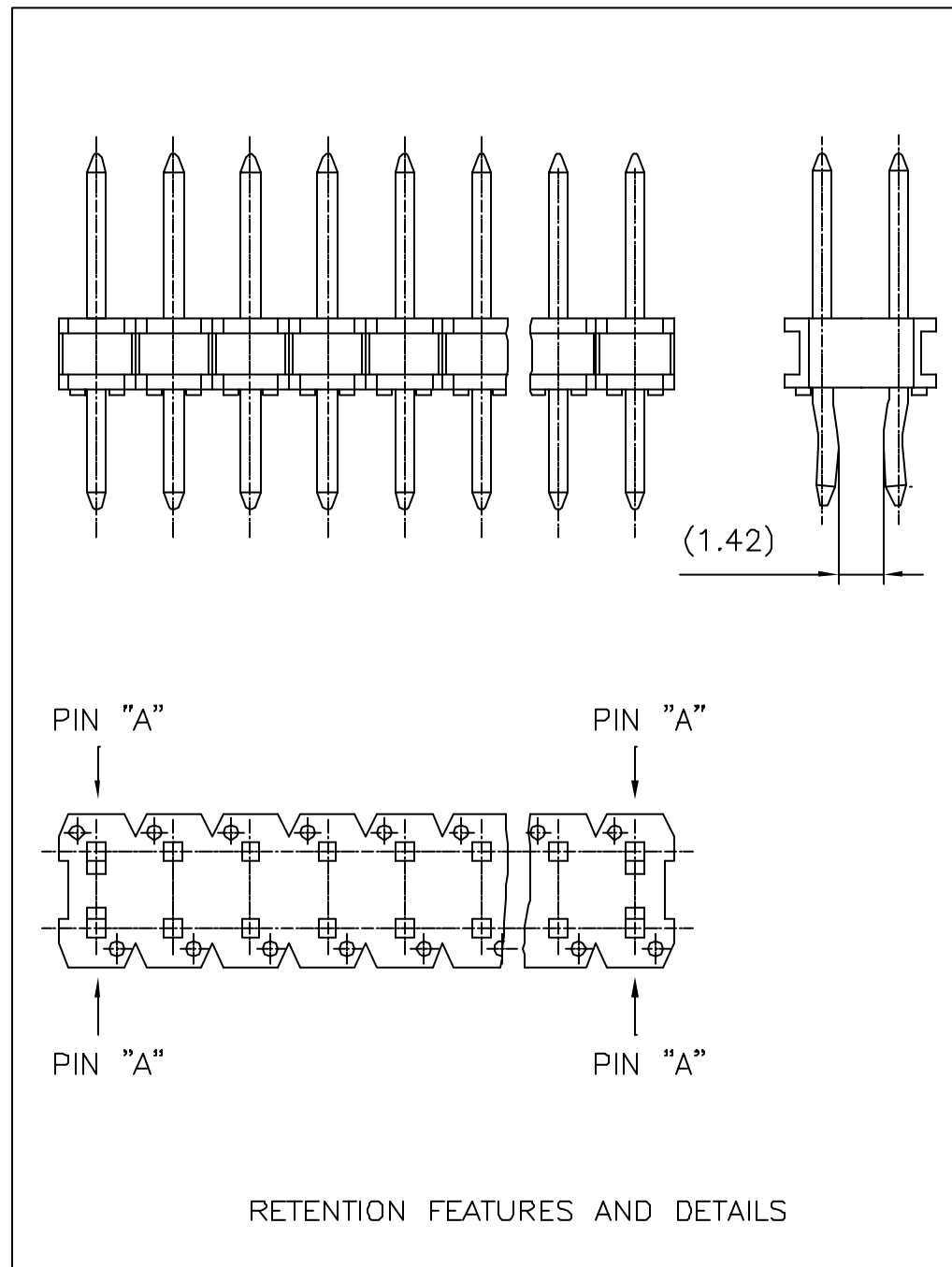
APPLICATION SPECIFIC			
PIN	STYLE	MATING	OAL
21		20.45	3.05
22		7.75	3.05
24		7.21	3.05
25		8.51	3.18
26		15.57	2.84
27		6.6	2.67
28		6.6	4.19
29		17.53	3.43
30		22.61	3.43
31		8.2	2.84
32		2.41	3.05
33		1.6	29.38
34		12.21	2.9
35		25.21	3.37
36		11.5	12
38		30	0.98
39		1.6	31.58
40		10.29	3.05
41		9.1	3.34
42		13.25	3.3

APPLICATION SPECIFIC			
PIN	STYLE	MATING	OAL
43		13.02	13.02
48		5.84	2.42
49		1.5	27.08
50		5.84	3.12
52		9.5	3.05
56		5.72	3.05
58		14.47	3.05
70		6.54	3.5
79		3.3	3.3
82		19.27	4.23
92		17.45	3
94		4.79	3
95		27.58	1
98		13.28	2.6
AA		5.84	3.43
AB		12.83	3.05
AC		6.60	4.19
AD		13.28	2.60
AE		5.84	1.95



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mat'l. code		surface <input checked="" type="checkbox"/> ISO 1302 <input type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101		tolerance		projection		product family BERGSTIK	
ltr		ecn no		dr		date		title	
AY		F90651		LMU		99.10.20		HEADER STR DOUBLE ROW	
BA		F10518		LMU		01.09.12			
BB		F20116		DLE		02.01.16		scale 1:1	
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						FCI	
								dwg no 75844 sheet 2 of - size A3	
								type CUSTOMER Drawing	



NOTES:

"R" INDICATES A RETENTION HEADER.

- 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..

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



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