

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, 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-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 $N \times 2.54 = 20.32\text{mm}$

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.

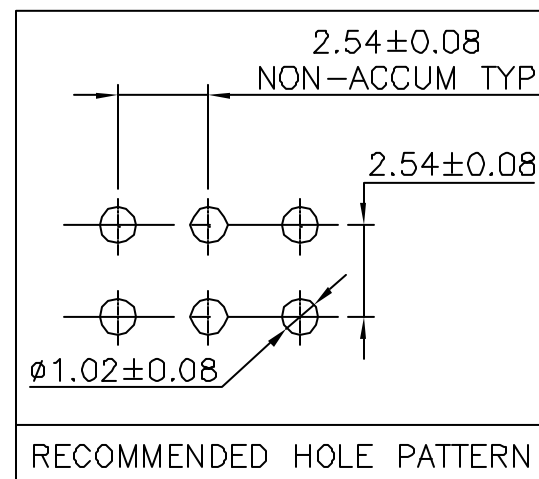
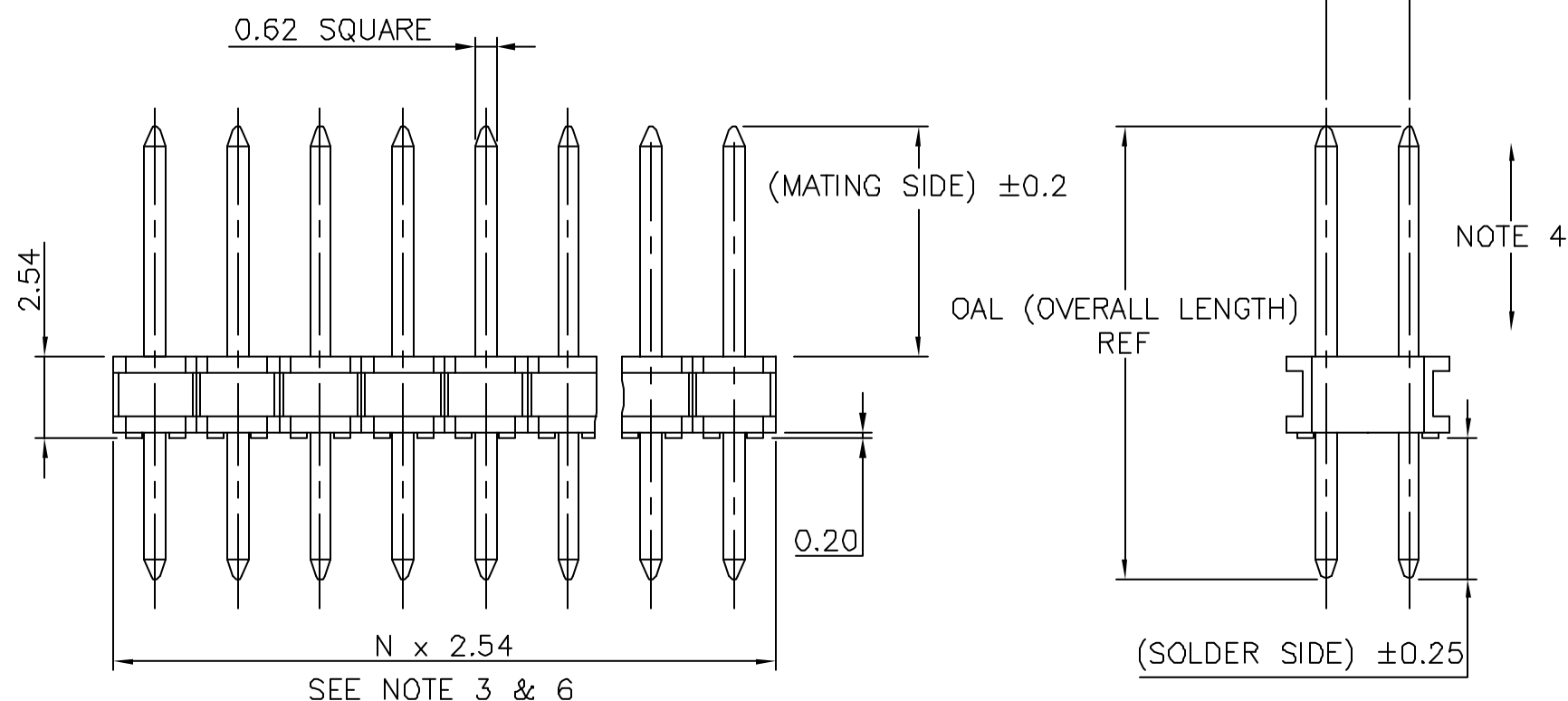
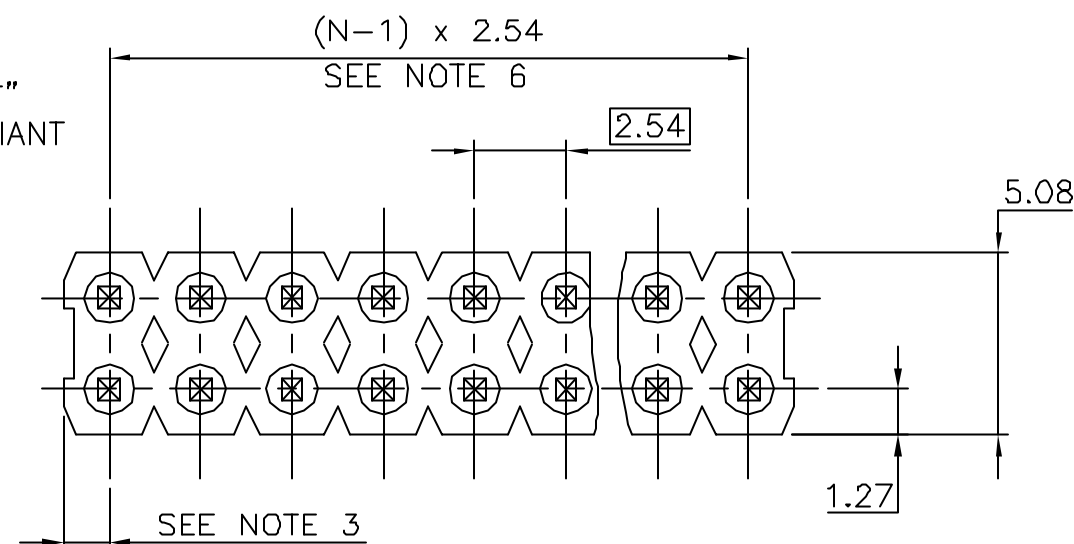
b - MANUFACTURING PROCESS COMPATIBILITY

- 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 406 ISO 1101	projection	product family BERGSTIK			
Ltr	ecn na	dr	date	tolerances unless otherwise specified		mm	title HEADER STR DOUBLE ROW			
BP	F06-0169	LMU	06.04.21	angles	.x ±0.3					
BR	F06-0196	LMU	06.06.20	Linear	.xx ±0.15 xxx ±0.05					
BK	F20301	LMU	02.04.22	dr	COMPAGNON	95.07.10	dwg no 75844 sheet 1 of 3 size A3			
BL	F20607	LMU	03.12.03	enrg	JMC	95.07.10				
BM	F03079	LMU	03.04.04	chr						
BN	F05-0186	LMU	05.05.24	appd	JMC	95.07.10				
sheet index	revision	BR	BF	BF			type CUSTOMER Drawing			
	sheet	1	2	3						

1

2

3

4

5

6

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

FCI

FCIconnect.com

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mat'l. code

surface

tolerance

projection

product family

title

dwg no

sheet 2 of -

size

type

CUSTOMER

Drawing

ltr

ecn no

dr

date

tolerances unless otherwise specified

angles

linear

scale 1:1

FCI

AY

F90651

LMU

99.10.20

angles

linear

scale 1:1

FCI

BA

F10518

LMU

01.09.12

angles

linear

scale 1:1

FCI

BB

F20116

DLE

02.01.16

angles

linear

scale 1:1

FCI

BC

F20301

LMU

02.04.22

dr

COMPAGNON J

95.07.10

scale 1:1

FCI

BD

F05-0186

LMU

05.05.24

enrg

JMC

95.07.10

scale 1:1

FCI

BE

F06-0169

LMU

06.04.21

chr

JMC

95.07.10

scale 1:1

FCI

BF

F06-0196

LMU

06.06.20

appd

JMC

95.07.10

scale 1:1

FCI

sheet

revision

sheet

index

sheet

revision

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index

form: A3

1

2

3

4

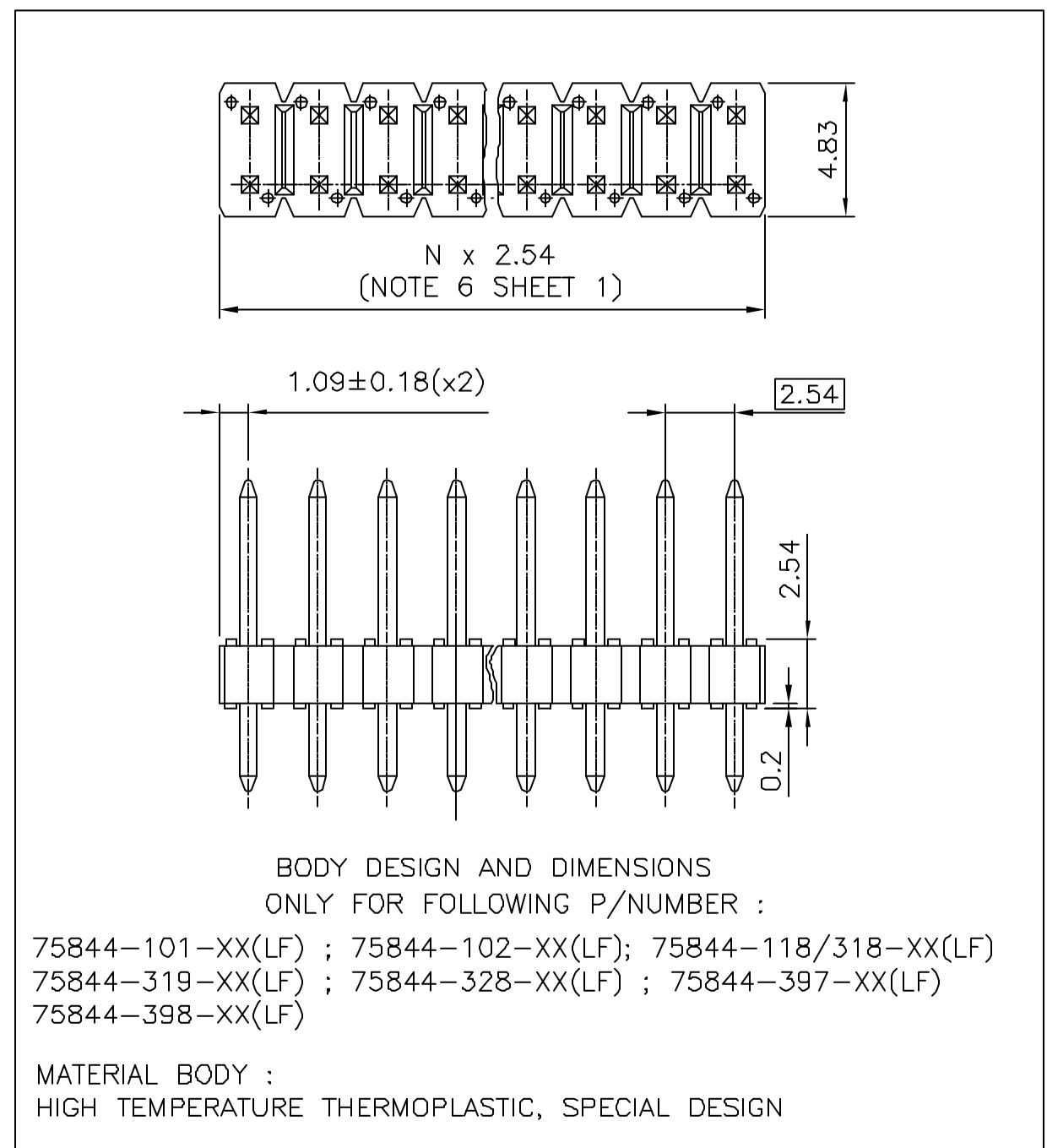
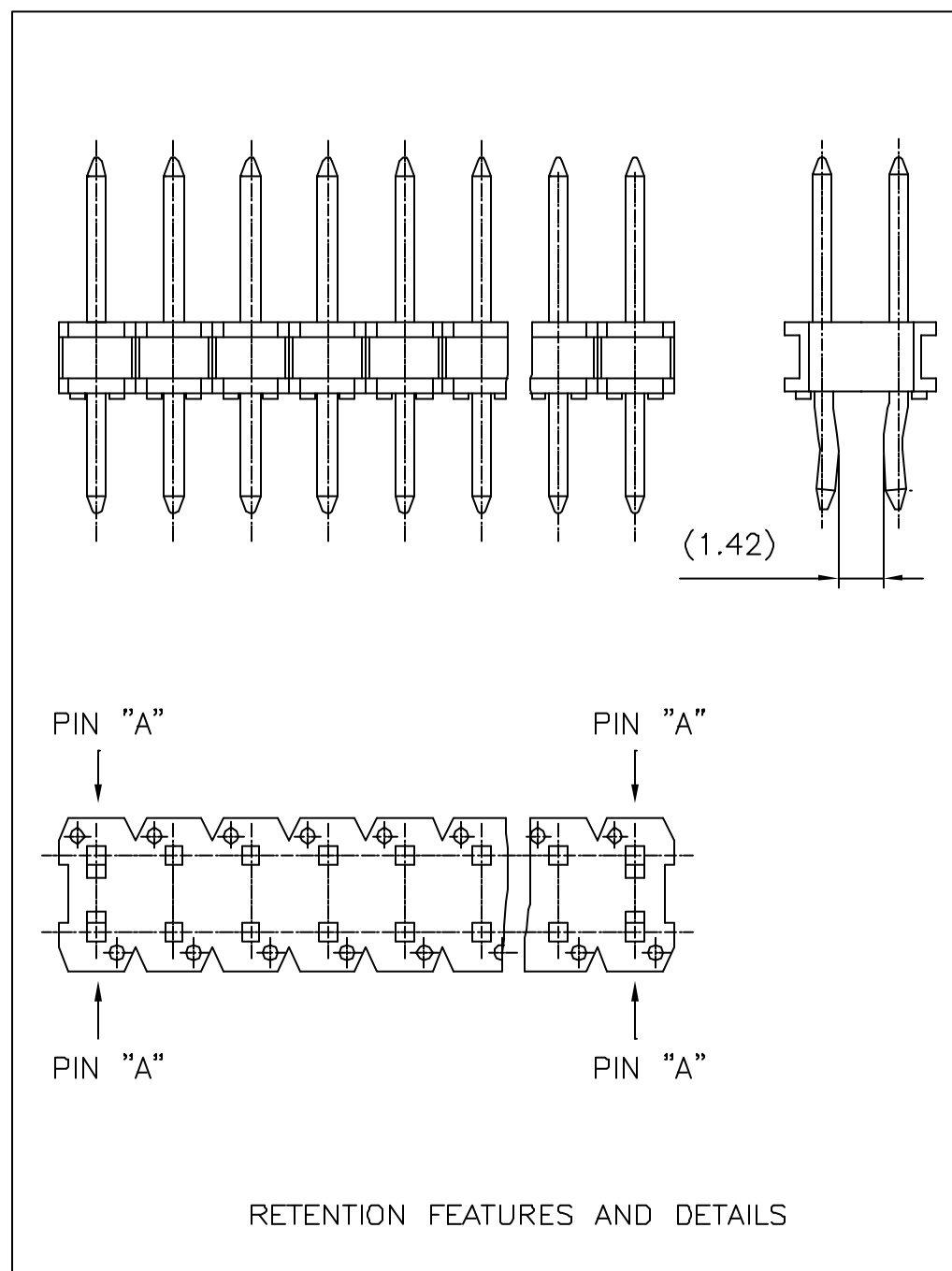
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PDM: Rev:BR

STATUS:Released

Printed: Jun 23, 2006



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 ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK			
Ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title HEADER STR DOUBLE ROW			
AY	F00809	LMU	00.10.03.	angles	linear					
BA	F10518	LMU	01.09.12				scale 1:1			
BB	F20116	DLE	02.01.16							
BC	F20607	LMU	03.12.03	dr	COMPAGNON J		FCJ			
BD	F03079	LMU	03.04.04	enr	JMC					
BE	F05-0186	LMU	05.05.24	chr			75844			
BF	F06-0196	LMU	06.06.20	appd	JMC					
sheet index	revision sheet						type CUSTOMER Drawing			