

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.

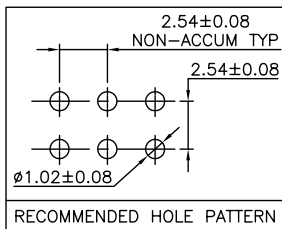
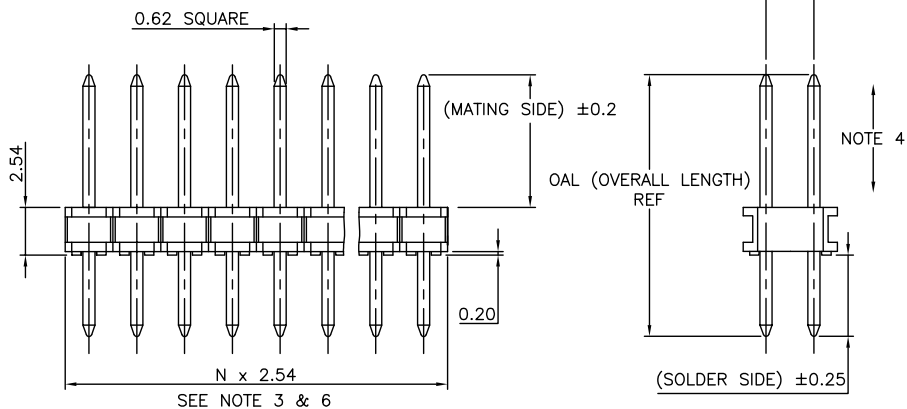
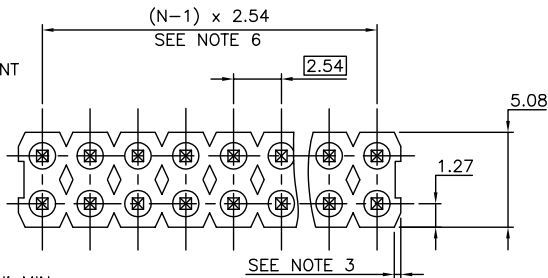
b - MANUFACTURING PROCESS COMPATIBILITY

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

PDM: Rev:BU

STATUS Released

Printed: Oct 05, 2010

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	tolerance	projection	product family
		ISO 1302	ISO 406 ISO 1101		BERGSTIK
ltr	ecn no	dr	date	title	
BG	F10-021Q	LMU	10.09.17	HEADER STR	
		angles	linear	mm	DOUBLE ROW
BB	F20116	DLE	02.01.16	scale 1:1	
BC	F20301	LMU	02.04.22	dr	COMPAGNON
BD	F05-0186	LMU	05.05.24	engr	JMC
BE	F06-0169	LMU	06.04.21	chr	
BF	F06-0199	LMU	06.06.20	appd	JMC
sheet index	revision sheet				



PDM: Rev:BU

STATUS: Released

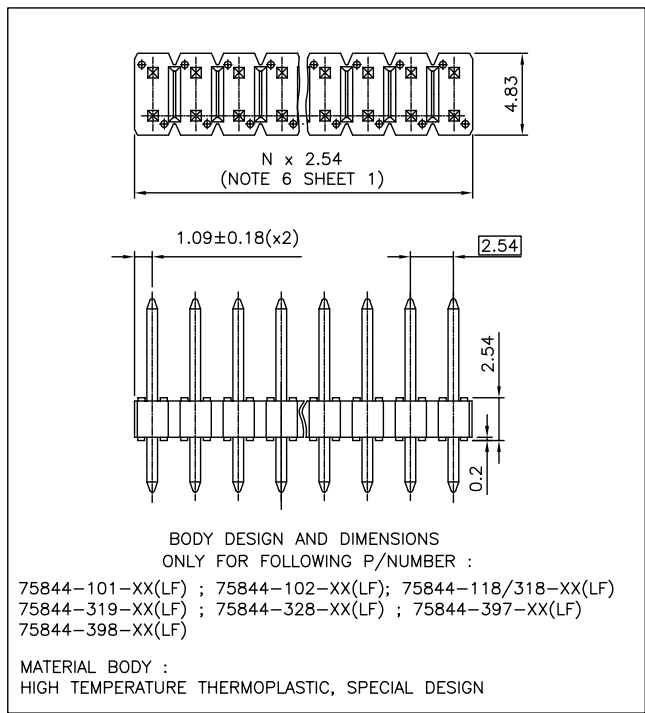
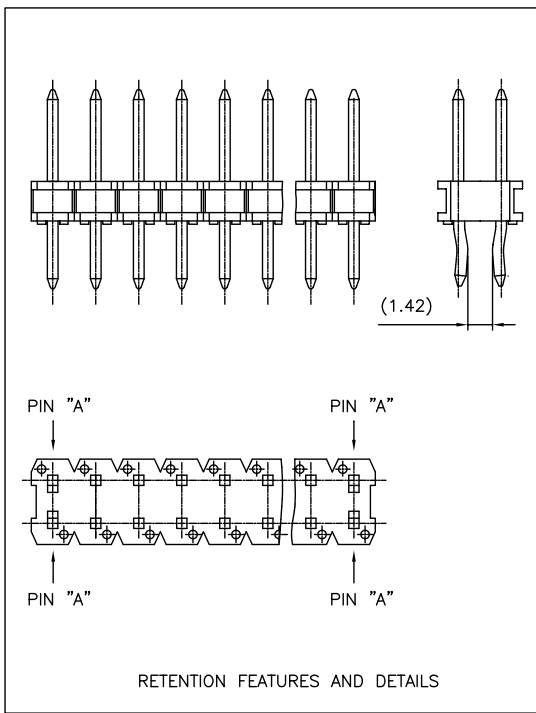
Printed: Oct 05, 2010



Copyright FCJ



form: A3



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	ecr no	dr	date	tolerances unless otherwise specified		mm		title	
AY	F00809	LMU	00.10.03	angles	linear	.x ±0.3	→	HEADER STR DOUBLE ROW	
BA	F10518	LMU	01.09.12			xx ±0.15			
BB	F20116	DLE	02.01.16			xxx ±0.05	scale 1:1	dwg no	
BC	F20607	LMU	03.12.03	dr	COMPAGNON	95.07.10	FCJ	sheet 3 of - size	
BD	F03079	LMU	03.04.04	engr	JMC	95.07.10		75844 A3	
BE	F05-0186	LMU	05.05.24	chr				type CUSTOMER Drawing	
BF	F06-0196	LMU	06.06.20	appd	JMC	95.07.10			
sheet index	revision sheet								

PDM: Rev:BU

STATUS Released

Printed: Oct 05, 2010