

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.

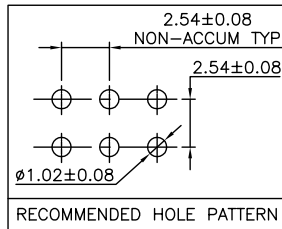
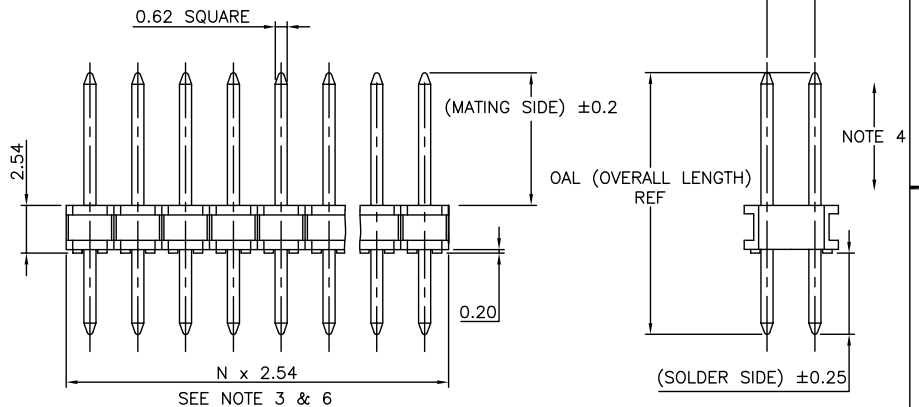
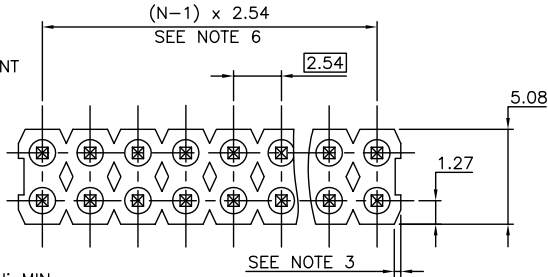
b - MANUFACTURING PROCESS COMPATIBILITY

- 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		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	engr	JMC	95.07.10	size		
		chr					A3		
		appd					75844		
BN	F05-0186	LMU	05.05.24	appd	JMC	95.07.10	type		
sheet	revision	BU	BG	BF			CUSTOMER		
index	sheet	1	2	3			Drawing		

PDM: Rev:BU

STATUS Released

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form: A3

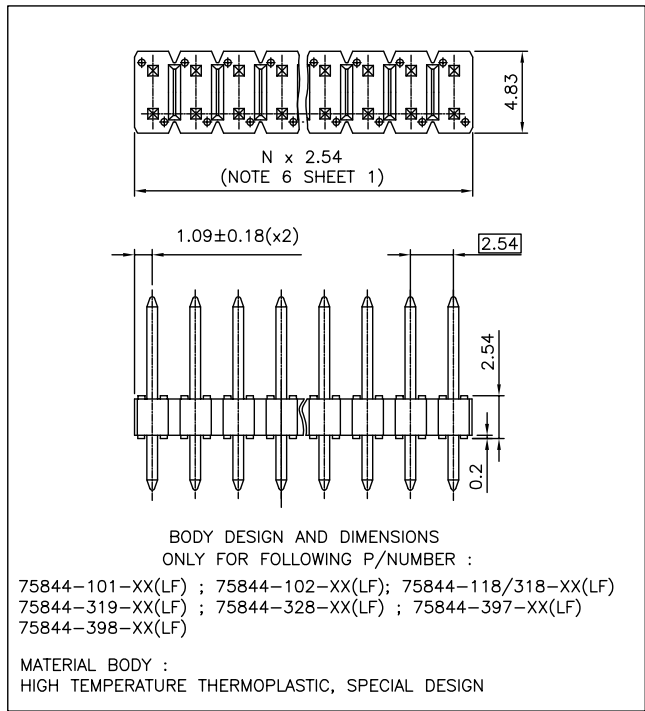
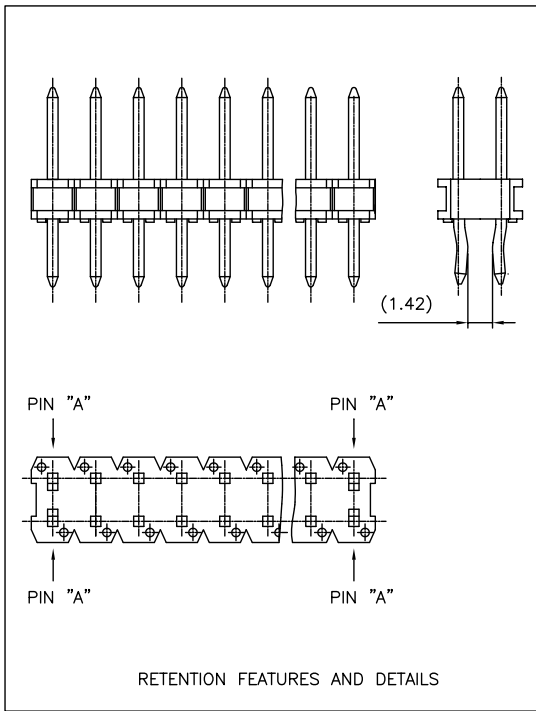
APPLICATION SPECIFIC				
PIN	STYLE	MATING	SOLDER	OAL
01		5.72	2.54	10.8
02		5.84	3.43	11.81
03		5.72	5.08	13.34
04		5.72	7.62	15.88
05		5.72	10.16	18.42
06		5.72	12.7	20.96
07		5.72	15.24	23.5
08		5.72	17.78	26.04
09		5.72	20.32	28.58
10		5.72	22.86	31.12
11		5.72	5.97	14.22
12		5.72	8.51	16.76
13		5.72	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
ltr ecn no dr date		ISO 1302	ISO 406 ISO 1101		BERGSTIK
BG F10-0210 LMU 10.09.17		tolerances unless otherwise specified		mm	title
		angles	linear	scale 1:1	HEADER STR DOUBLE ROW
BC F20116 DLE 02.01.16		COMPAGNON		95.07.10	dwg no
BD F05-0186 LMU 05.05.24		engr JMC		95.07.10	sheet 2 of - size
BE F06-0169 LMU 06.04.21		chr			75844 A3
BF F06-0199 LMU 06.06.20		appd JMC		95.07.10	type
sheet revision				CUSTOMER Drawing	
index sheet					

PDM: Rev:BU STATUS: Released Printed: Oct 05, 2010



NOTES:

- 1 - PART NUMBER 75844-YYXRXX(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	HEADER STR DOUBLE ROW
BA	F10518	LMU	01.09.12	linear	
BB	F20116	DLE	02.01.16	.x ±0.3 xx ±0.15 xxx ±0.05	mm
BC	F20607	LMU	03.12.03	xxx ±0.05	scale 1:1
BD	F03079	LMU	03.04.04	dr COMPAGNON	95.07.10
BE	F05-0188	LMU	05.05.24	engr JMC	95.07.10
BF	F06-019d	LMU	06.06.20	appd JMC	95.07.10
sheet index	revision sheet				FCJ
					dwg no 75844 sheet 3 of - size A3
					type CUSTOMER Drawing

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