

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

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.

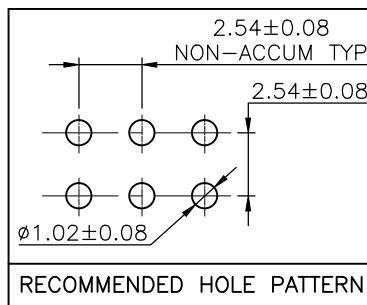
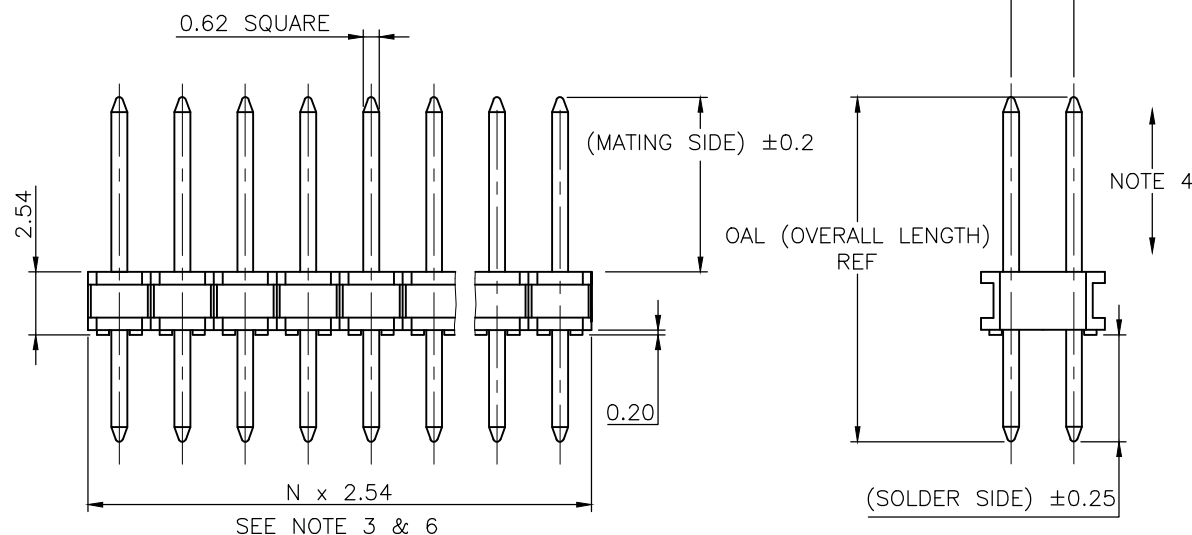
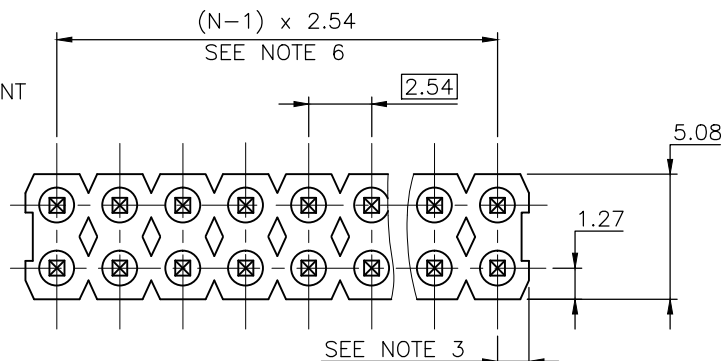
b - MANUFACTURING PROCESS COMPATIBILITY

- 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		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	linear	xx ±0.3	scale 5:1		title	
BP	F06-0169	LMU 06.04.21	angles	linear	.xx ±0.15	mm		HEADER STR	
BR	F06-0196	LMU 06.06.20			xxx ±0.05	mm		DOUBLE ROW	
BS	F07-0103	LMU 07.01.05				mm		dwg no	
BT	F08-0148	JCO 08.05.27	dr	COMPAGNON	J 95.07.10	sheet 1 of 3		size	
BU	F10-0210	LMU 10.09.14	enr	JMC	95.07.10	75844		A3	
BV	F11-0055	LMU 11.05.12	chr			type		CUSTOMER Drawing	
BW	B-17320	JCO 14.03.27	appd	JMC	95.07.10				
sheet index	revision sheet	BW	BH	BC					
		1	2	3					



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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

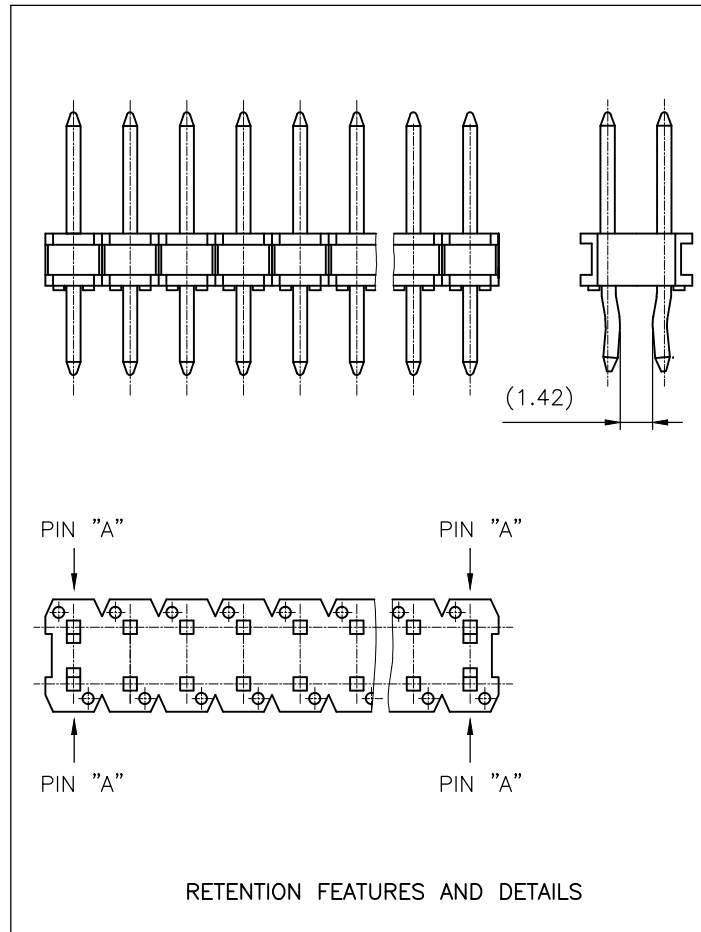
PIN	STYLE	MATING	SOLDER	OAL
43		13.02	13.02	28.58
48		5.84	2.42	10.8
49		1.5	27.08	31.12
50		5.84	3.12	11.5
52		9.5	3.05	15.09
56		5.72	3.05	11.3
58		14.47	3.05	20.06
70		6.54	3.5	12.57
79		3.3	3.3	9.14
82		19.27	4.23	26.04
92		17.45	3	23
94		4.79	3	10.33
95		27.58	1	31.12
98		13.28	2.6	18.42
AA		5.84	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
AH		4.80	4.80	12.10

mat'l. code				surface ISO 1302 ☒ ISO 406 ISO 1101		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr ecn no dr date				tolerances unless otherwise specified		angles linear		mm 		title HEADER STR DOUBLE ROW			
BG F10-0210 LMU 10.09.17								scale 1:1		dwg no sheet 2 of - size			
BH F11-0055 LMU 11.05.12										75844 A3			
BC F20301 LMU 02.04.22				dr COMPAGNON J 95.07.10						type CUSTOMER Drawing			
BD F05-0186 LMU 05.05.24				enr JMC 95.07.10									
BE F06-0169 LMU 06.04.21				chr JMC 95.07.10									
BF F06-0196 LMU 06.06.20				appd JMC 95.07.10									
sheet index		revision sheet											



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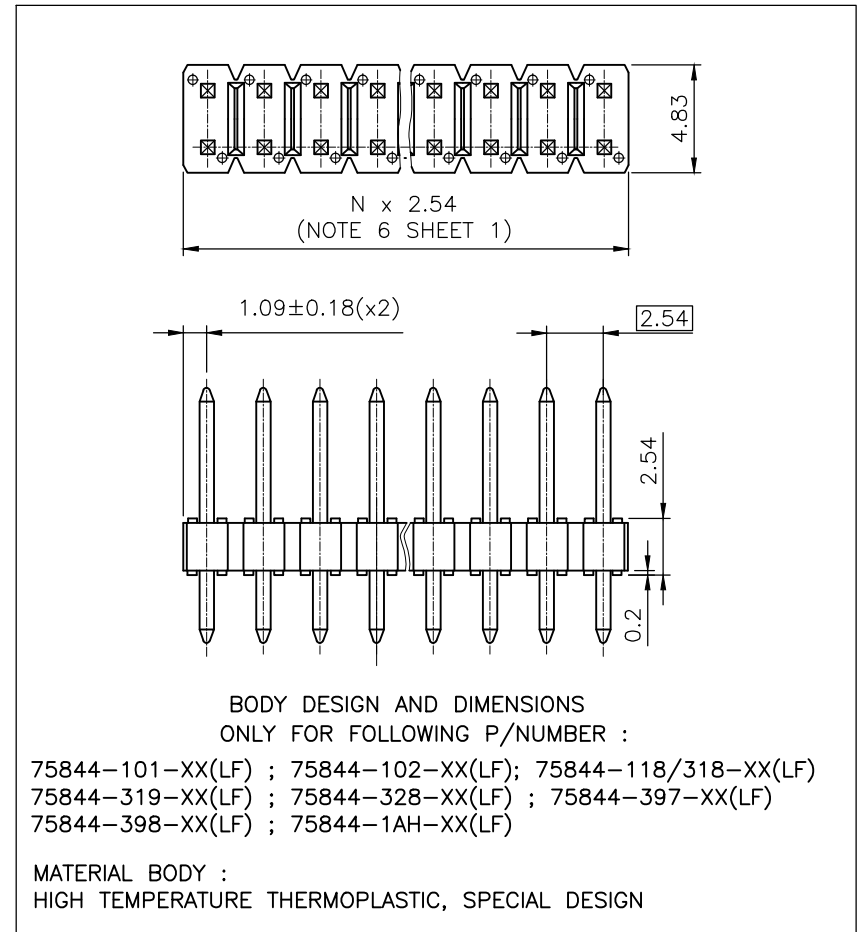
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RETENTION FEATURES AND DETAILS

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..

BODY DESIGN AND DIMENSIONS
ONLY FOR FOLLOWING P/NUMBER :

75844-101-XX(LF) ; 75844-102-XX(LF); 75844-118/318-XX(LF)
75844-319-XX(LF) ; 75844-328-XX(LF) ; 75844-397-XX(LF)
75844-398-XX(LF) ; 75844-1AH-XX(LF)

MATERIAL BODY :
HIGH TEMPERATURE THERMOPLASTIC, SPECIAL DESIGN

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
BG	F11-0055	LMU	11.05.12	angles	linear	.x ±0.3			HEADER STR DOUBLE ROW				
						.xx ±0.15							
						.xxx ±0.05							
BB	F20116	DLE	02.01.16					scale 1:1					
BC	F20607	LMU	03.12.03	dr	COMPAGNON J		95.07.10		dwg no		sheet 3 of -	size	
BD	F03079	LMU	03.04.04	enrg	JMC		95.07.10		75844		A3		
BE	F05-0186	LMU	05.05.24	chr									
BF	F06-0196	LMU	06.06.20	appd	JMC		95.07.10		type CUSTOMER		Drawing		
sheet index	revision sheet												