

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.

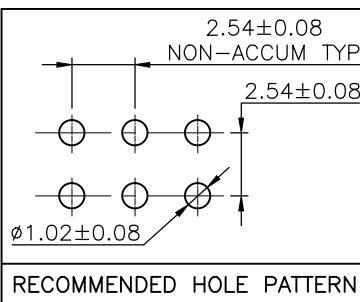
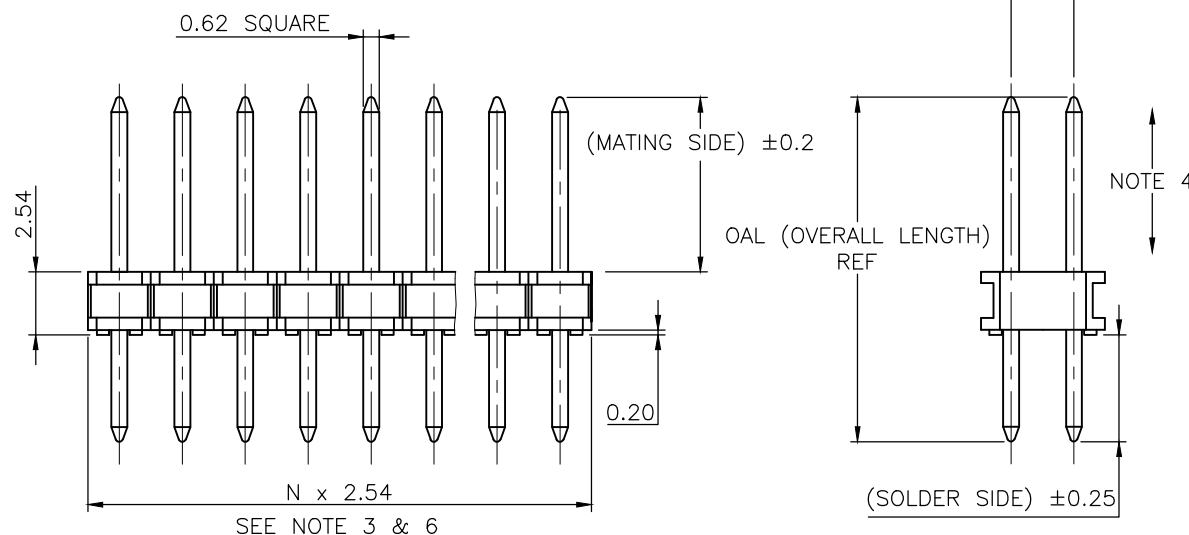
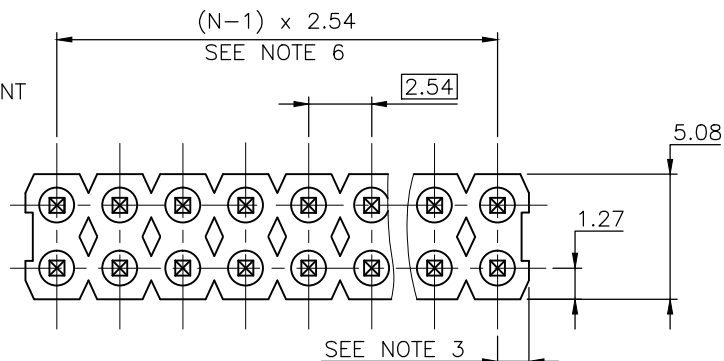
b - MANUFACTURING PROCESS COMPATIBILITY

- 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		BERGSTIK					
ltr	ecn	no	dr	date	tolerances unless otherwise specified				title					
BP	F06	-0169	LMU	06.04.21	angles	linear	.x		±0.3		HEADER STR DOUBLE ROW			
BR	F06	-0196	LMU	06.06.20			.xx		±0.15					
BS	F07	-0103	LMU	07.01.05			.xxx		±0.05					
BT	F08	-0148	JCO	08.05.27	dr	COMPAGNON	J	95.07.10	dwg no			sheet 1 of 3	size	
BU	F10	-0210	LMU	10.09.14	enrg	JMC		95.07.10			75844			A.
BV	F11	-0055	LMU	11.05.12	chr									
BW	B-17320	JCO	14.03.27	appd	JMC		95.07.10	type						
sheet	revision	BW	BH	BG										
index	sheet	1	2	3										

RECOMMENDED HOLE PATTERN



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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

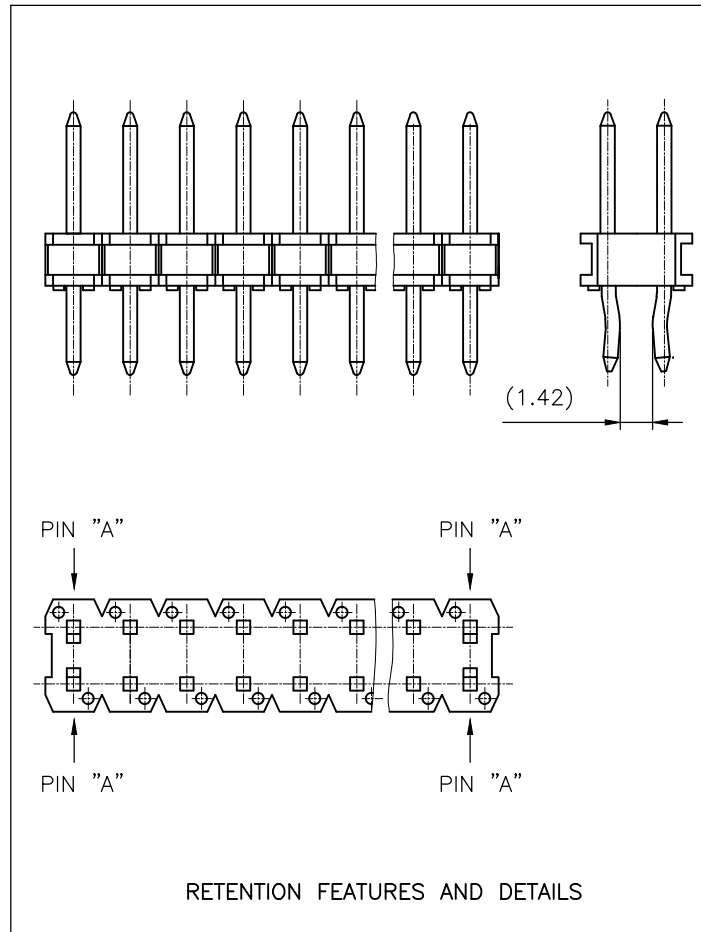
APPLICATION SPECIFIC				
PIN	STYLE	MATING	SOLDER	OAL
43		13.02	13.02	28.58
48		5.84	2.42	10.8
49		1.5	27.08	31.12
50		5.84	3.12	11.5
52		9.5	3.05	15.09
56		5.72	3.05	11.3
58		14.47	3.05	20.06
70		6.54	3.5	12.57
79		3.3	3.3	9.14
82		19.27	4.23	26.04
92		17.45	3	23
94		4.79	3	10.33
95		27.58	1	31.12
98		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 ☐			projection 		product family BERGSTIK							
ltr	ecn no	dr	date	tolerances unless otherwise specified					title HEADER STR DOUBLE ROW							
BG	F10-0210	LMU	10.09.17	angles	linear											
BH	F11-0055	LMU	11.05.12				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															



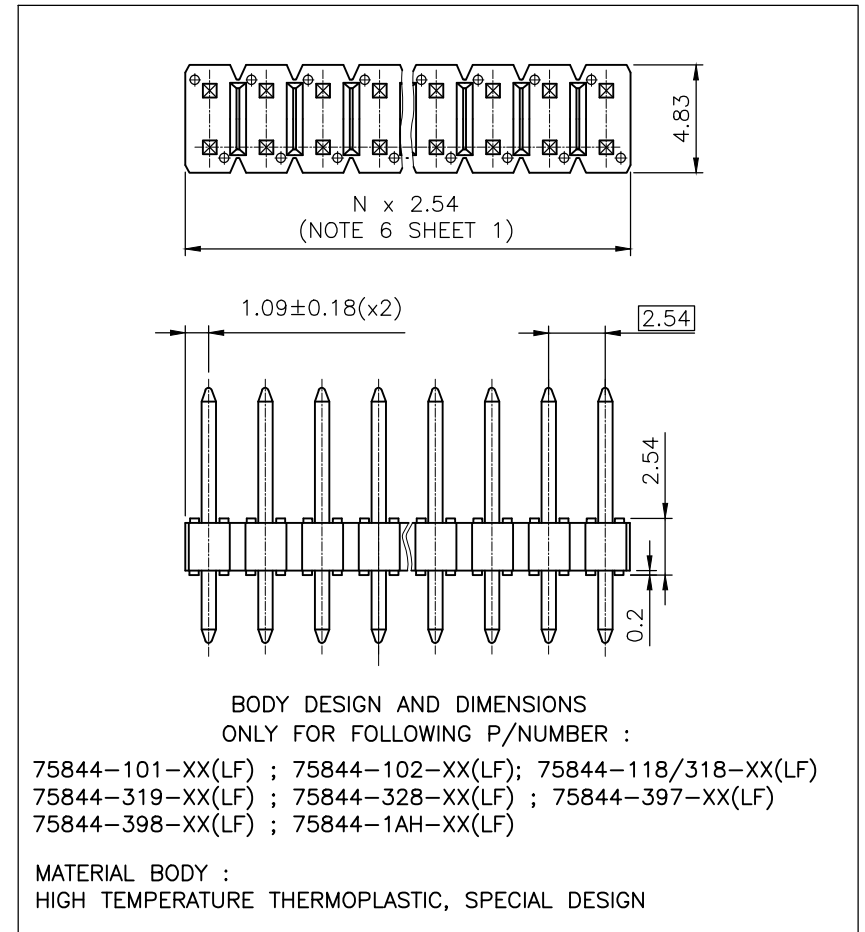
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NOTES:

- "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				title			
BG	F11-0055	LMU	11.05.12	angles	linear	.x ±0.3 .xx ±0.15 xxx ±0.05	HEADER STR DOUBLE ROW						
BB	F20116	DLE	02.01.16				scale 1:1						
BC	F20607	LMU	03.12.03	dr	COMPAGNON J	95.07.10							
BD	F03079	LMU	03.04.04	enrg	JMC	95.07.10							
BE	F05-0186	LMU	05.05.24	chr									
BF	F06-0196	LMU	06.06.20	appd	JMC	95.07.10			dwg no		sheet 3 of -		size
										75844		A3	
										type		CUSTOMER Drawing	
sheet		revision											
index		sheet											