

PRODUCT NUMBER
75844-YXX-XXLF

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

3 = 2µm MIN MATTE TIN FULL PLATED

6 = 0.76µm FULL GXT (PdNi), WITH GOLD FLASH

8 = 0.38µm FULL GOLD/GXT

1.27µm MIN NICKEL UNDERPLATING

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 - "LF" MEANS THE PRODUCT IS LEAD-FREE

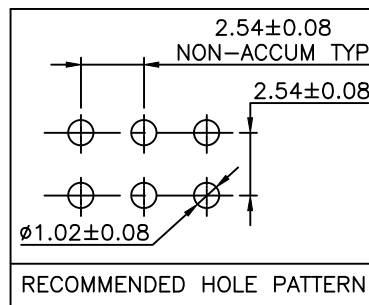
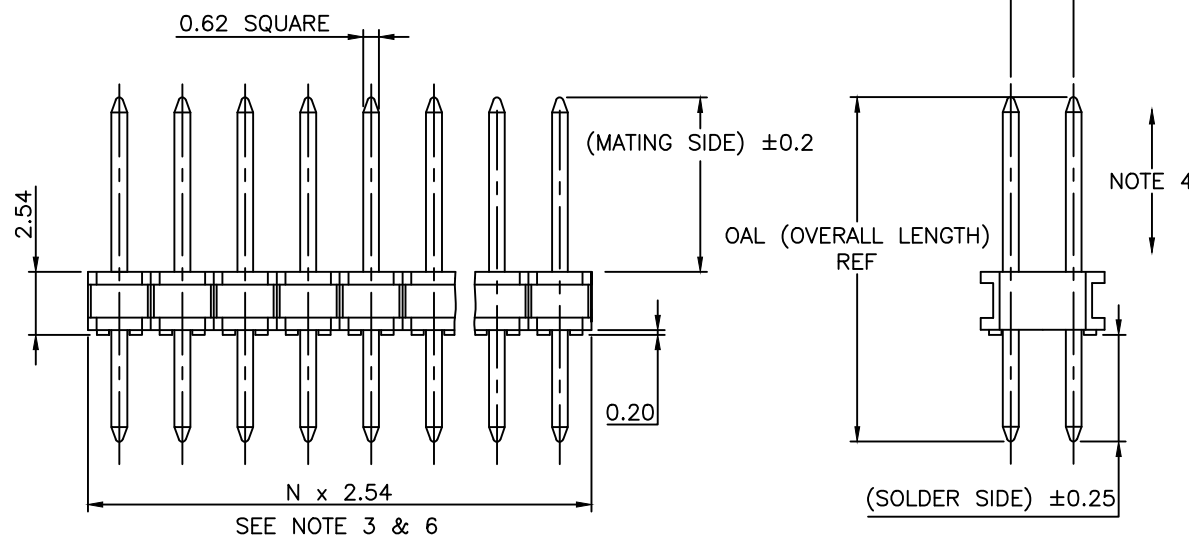
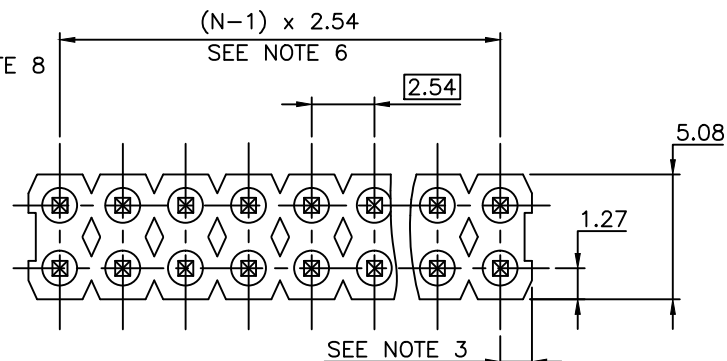
b - MANUFACTURING PROCESS COMPATIBILITY

- 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-47-0004



mat'l. code SEE P/N				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK					
ltr	ecn no	dr	date	tolerances unless otherwise specified						title					
BX	B-19264	LMU	14.11.03	angles	linear	.X ±0.3				HEADER STR DOUBLE ROW					
						.XX ±0.15									
						.XXX ±0.05									
BS	F07-0103	LMU	07.01.05						scale 5:1						
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	enr	JMC		95.07.10		75844					A3	
BV	F11-0055	LMU	11.05.12	chr											
BW	B-17320	JCO	14.03.27	appd	JMC		95.07.10		type					CUSTOMER	Drawing
sheet	revision	BX	BH	BH											
index	sheet	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

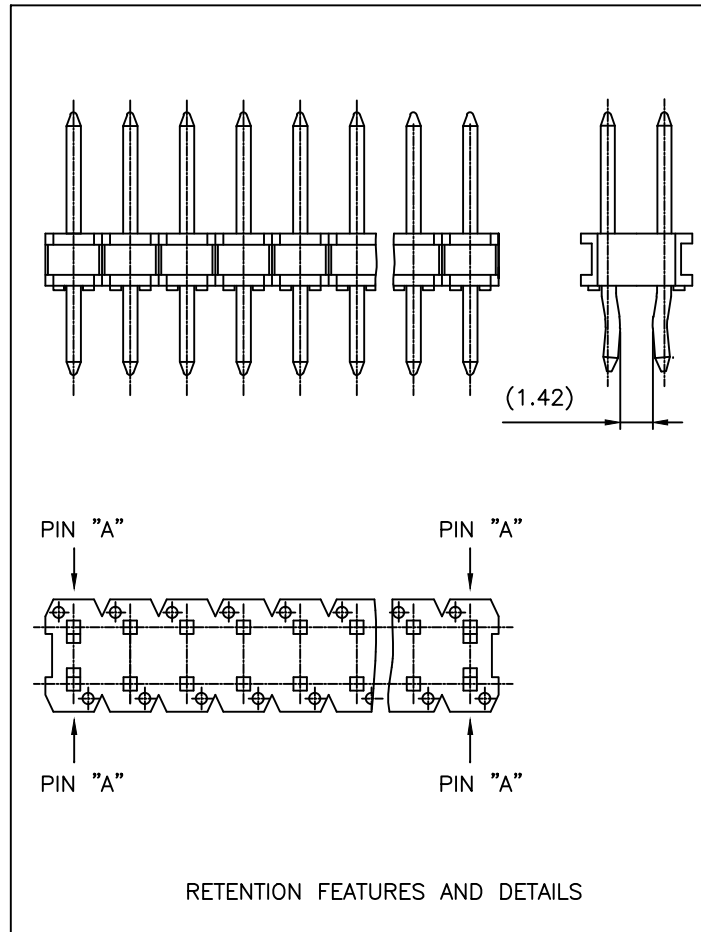
APPLICATION SPECIFIC				
PIN	STYLE	MATING	SOLDER	OAL
43		13.02	13.02	28.58
48		5.84	2.42	10.8
49		1.5	27.08	31.12
50		5.84	3.12	11.5
52		9.5	3.05	15.09
56		5.72	3.05	11.3
58		14.47	3.05	20.06
70		6.54	3.5	12.57
79		3.3	3.3	9.14
82		19.27	4.23	26.04
92		17.45	3	23
94		4.79	3	10.33
95		27.58	1	31.12
98		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	tolerance	projection	product family			
				ISO 1302	ISO 406 ISO 1101		BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
BG	F10-0210	LMU	10.09.17	angles	linear					
BH	F11-0055	LMU	11.05.12			scale 1:1	HEADER STR			
							DOUBLE ROW			
BC	F20301	LMU	02.04.22	dr	COMPAGNON J	95.07.10	dwg no		sheet 2 of -	size
BD	F05-0186	LMU	05.05.24	enr	JMC	95.07.10	75844			A3
BE	F06-0169	LMU	06.04.21	chr			type		CUSTOMER	Drawing
BF	F06-0196	LMU	06.06.20	appd	JMC	95.07.10				
sheet	revision									
index	sheet									



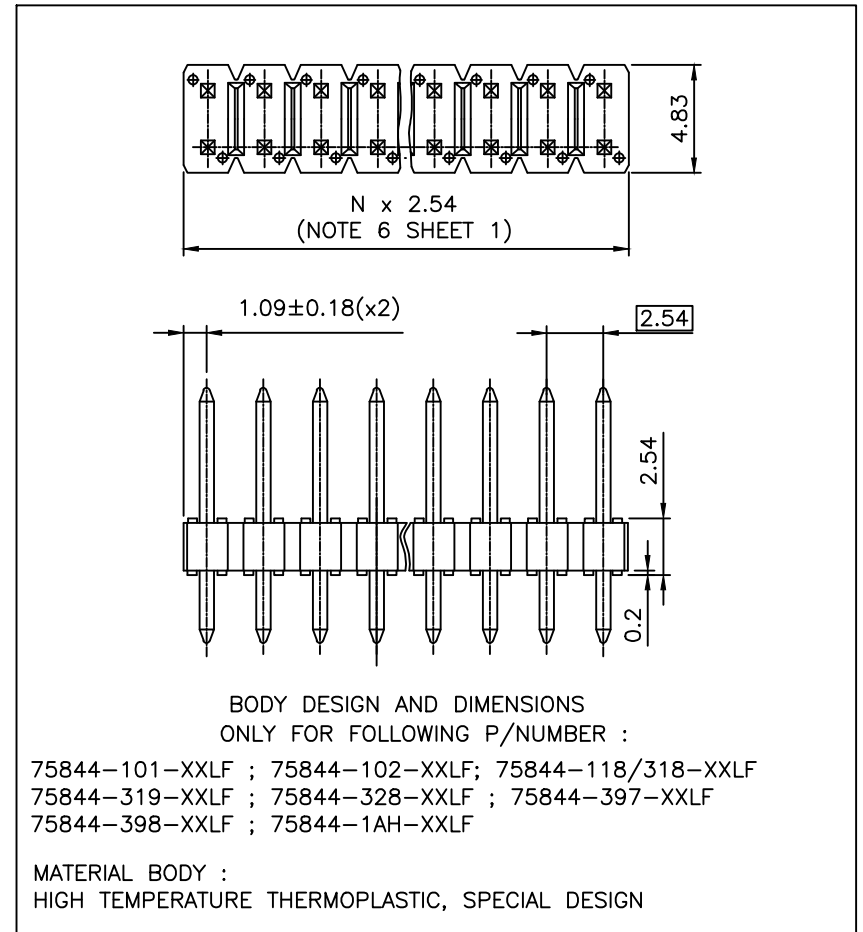
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NOTES:

- 1 - PART NUMBER 75844-YXXRXXLF
- 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						title			
BG	F11-0055	LMU	11.05.12	angles	linear	.x ±0.3				HEADER STR DOUBLE ROW			
BH	B-19264	LMU	14.11.03			.xx ±0.15							
						.xxx ±0.05		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											