

PRODUCT NUMBER
75844-YXX-XXLF

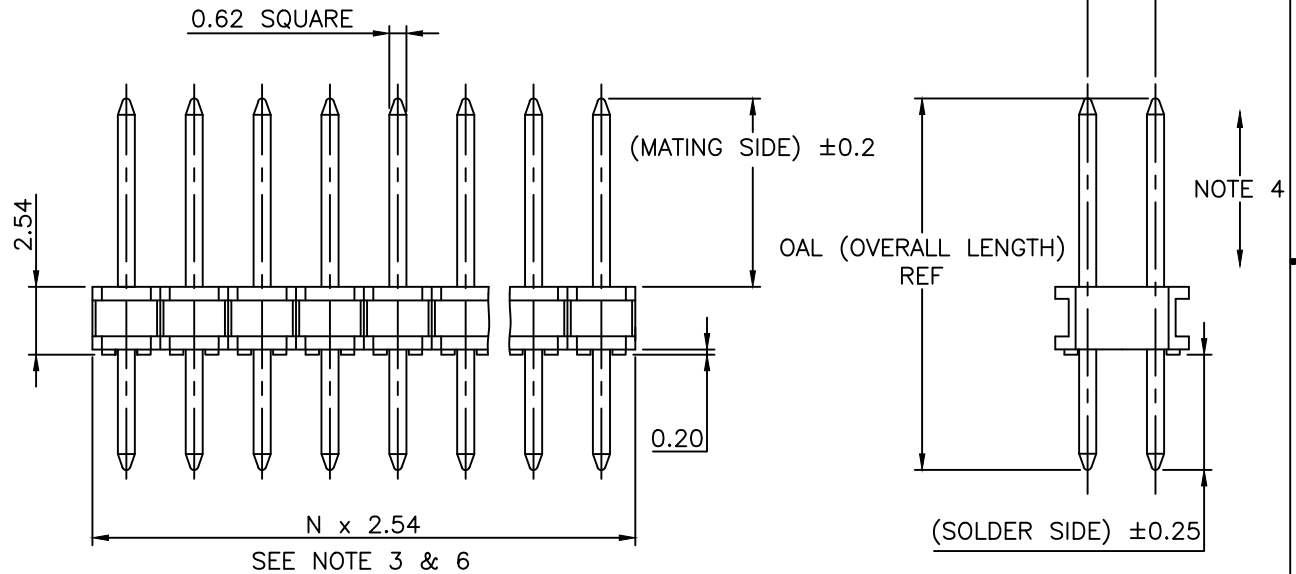
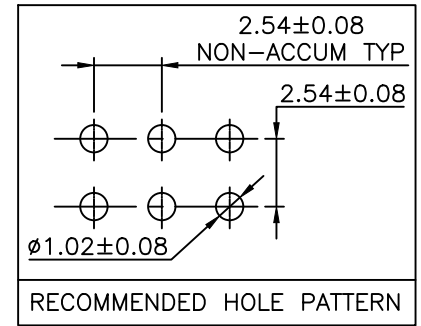
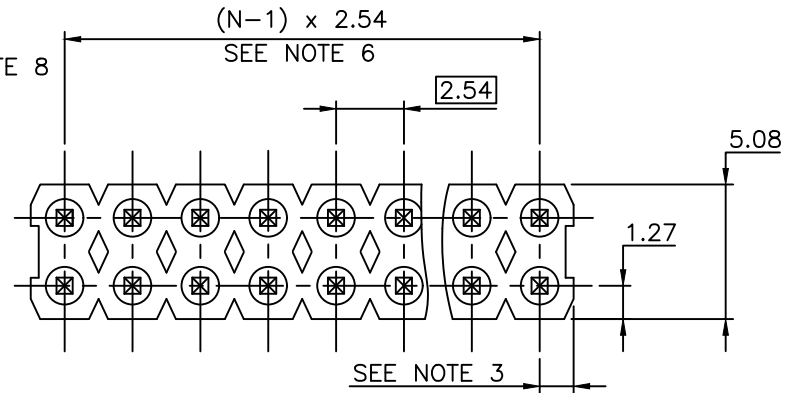
RoHS COMPLIANT & COMPATIBLE, SEE NOTE 8
TOTAL NB OF POSITIONS 04 TO 72
PIN STYLE, SEE SHEET 2

PLATING:

- 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 MATERIAL: HIGH TEMPERATURE THERMOPLASTIC FLAME RETARDANT PER UL94-VO, 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
9. THIS PART SERIES IS NOT INITIALLY INTENDED FOR AUTOMOTIVE APPLICATIONS. ADDITIONAL FEES ARE CHARGEABLE FOR ANY ADDITIONAL QUALIFICATION AND TEST REPORTS PERFORMED OUTSIDE THE SCOPE OF THE STANDARD PRODUCT SPECIFICATIONS.
10. UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO CHANGE WITHOUT NOTICE.



mat'l. code SEE P/N		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		product family BERGSTIK	
ltr BX B-19264		dr LMU 14.11.03		tolerances unless otherwise specified		mm		title HEADER STR DOUBLE ROW	
BY F-58764		DDE 25.12.24		angles linear		.x ±0.3 .xx ±0.15 .xxx ±0.05		scale 5:1	
BT F08-0148		JCO 08.05.27		dr J.COMPAGNON 95.07.10		Amphenol FCI		dwg no 75844	
BU F10-0210		LMU 10.09.14		engr J.COMPAGNON 95.07.10				sheet 1 of 3	
BV F11-0055		LMU 11.05.12		chr				size A3	
BW B-17320		JCO 14.03.27		appd J.COMPAGNON 95.07.10				type CUSTOMER Drawing	
sheet index		revision sheet		BY 1 2 3					

APPLICATION SPECIFIC			
PIN	STYLE	MATING	OAL
01		5.72	2.54
02		5.84	3.43
03		5.72	5.08
04		5.72	7.62
05		5.72	10.16
06		5.72	12.7
07		5.72	15.24
08		5.72	17.78
09		5.72	20.32
10		5.72	22.86
11		5.72	5.97
12		5.72	8.51
13		5.72	11.05
14		5.72	16.13
15		8.51	2.54
16		8.51	5.51
17		8.51	10.59
18		5.72	3.05
19		12.83	3.05
20		15.37	3.05

APPLICATION SPECIFIC			
PIN	STYLE	MATING	OAL
21		20.45	3.05
22		7.75	3.05
24		7.21	3.05
25		8.51	3.18
26		15.57	2.84
27		6.6	2.67
28		6.6	4.19
29		17.53	3.43
30		22.61	3.43
31		8.2	2.84
32		2.41	3.05
33		1.6	29.38
34		12.21	2.9
35		25.21	3.37
36		11.5	12
38		30	0.98
39		1.6	31.58
40		10.29	3.05
41		9.1	3.34
42		13.25	3.3

APPLICATION SPECIFIC			
PIN	STYLE	MATING	OAL
43		13.02	13.02
48		5.84	2.42
49		1.5	27.08
50		5.84	3.12
52		9.5	3.05
56		5.72	3.05
58		14.47	3.05
70		6.54	3.5
79		3.3	3.3
82		19.27	4.23
92		17.45	3
94		4.79	3
95		27.58	1
98		13.28	2.6
AA		5.84	3.43
AB		12.83	3.05
AC		6.60	4.19
AD		13.28	2.60
AE		5.84	1.95
AF		24.46	3.00
AG		6.00	6.00
AH		4.80	4.80

A

B

C

D

A



B

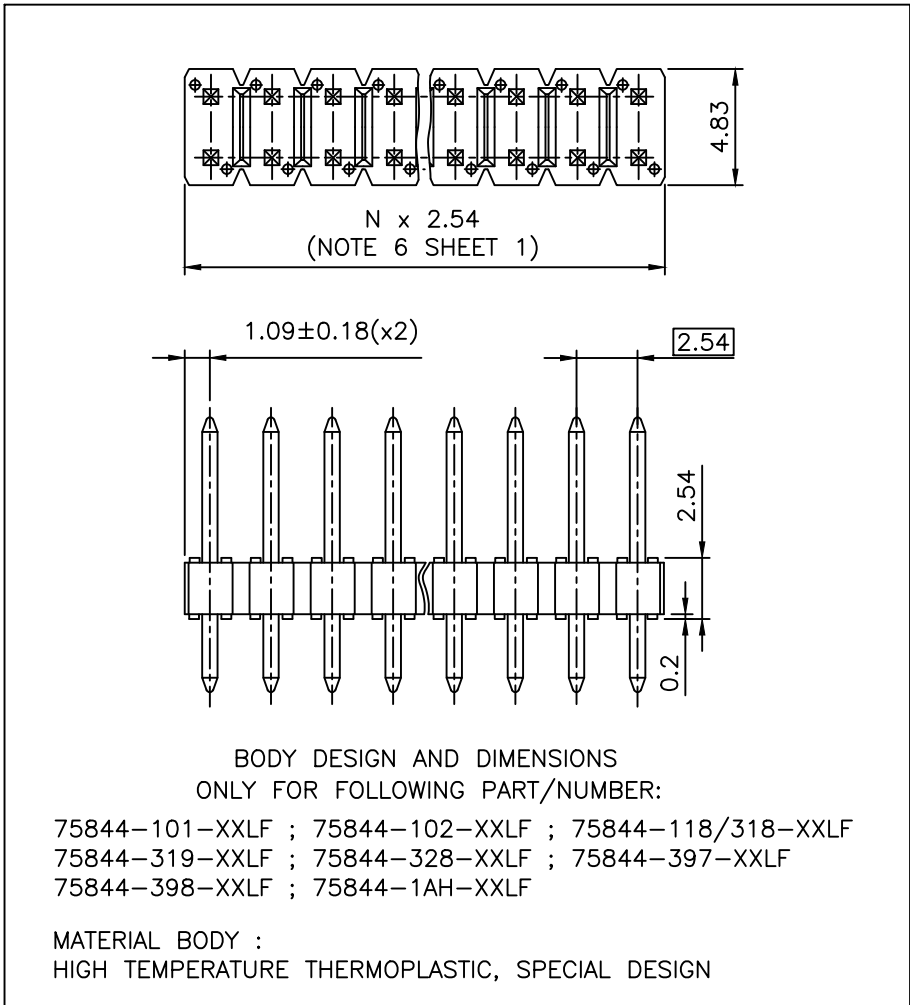
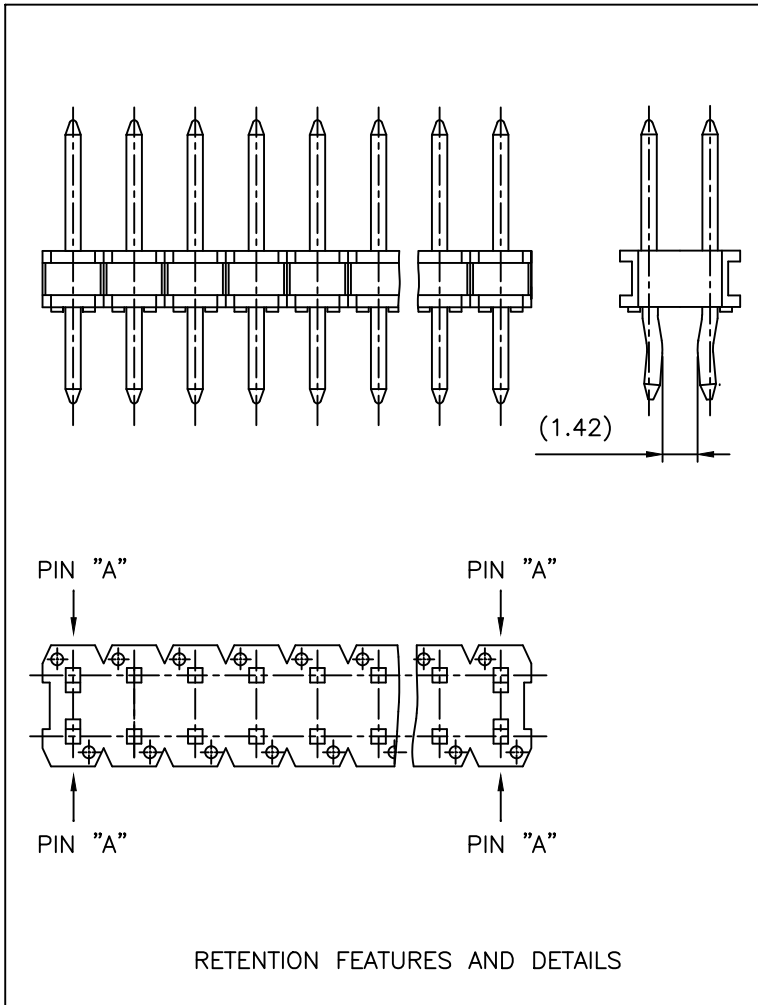
C

D

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mat'l. code				surface <input checked="" type="checkbox"/> ISO 1302 <input type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101		tolerance tolerances unless otherwise specified		projection 		product family BERGSTIK	
ltr	ecn no	dr	date	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	
BJ	F-58764	DDE	25.12.24					type		CUSTOMER Drawing	
BD	F05-0186	LMU	05.05.24	engr		J.COMPAGNON 95.07.10					
BE	F06-0169	LMU	06.04.21	chr		J.COMPAGNON 95.07.10					
BF	F06-0196	LMU	06.06.20	appd		J.COMPAGNON 95.07.10					
sheet index	revision sheet										



- 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.

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ltr		ecn no		dr		date		title	
BG	F11-0055	LMU	11.05.12	tolerances unless otherwise specified		mm		HEADER STR DOUBLE ROW	
BH	B-19264	LMU	14.11.03	angles	linear	.x ±0.3	scale 1:1	dwg no	
BJ	F-58764	DDE	25.12.24			.xx ±0.15		sheet 3 of -	
						.xxx ±0.05		size	
BD	F03079	LMU	03.04.04	dr	J.COMPAGNON	95.07.10	75844		A3
BE	F05-0186	LMU	05.05.24	enrg	J.COMPAGNON	95.07.10	type		
BF	F06-0196	LMU	06.06.20	chr			CUSTOMER		Drawing
BF	F06-0196	LMU	06.06.20	appd	J.COMPAGNON	95.07.10			
sheet	revision								
index	sheet								