

PRODUCT NUMBER
75168-YXX-XXLF

RoHS COMPLIANT & COMPATIBLE, SEE NOTE 8
TOTAL NB OF POSITIONS 02 TO 36
PIN STYLE, SEE SHEET 2

PLATING:
1 = 0.76µm FULL GOLD/GXT
3 = 2µm MIN MATTE TIN FULL PLATED
8 = 0.38µm FULL GOLD/GXT
1.27µm Ni MIN UNDERPLATING

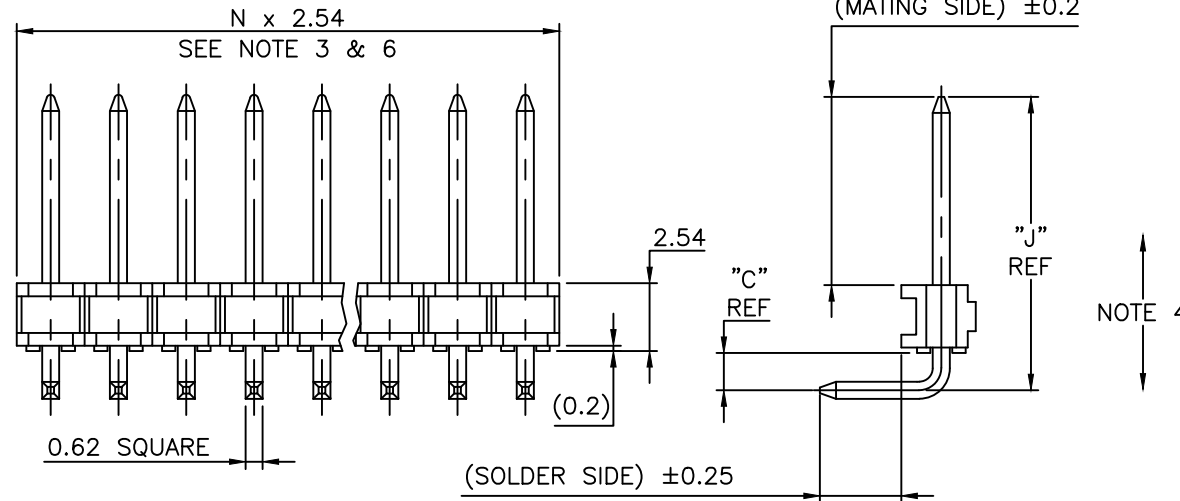
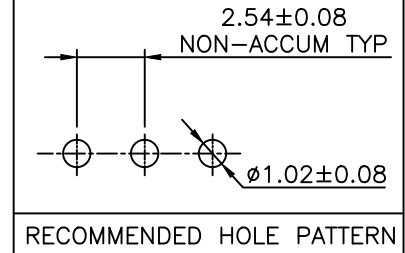
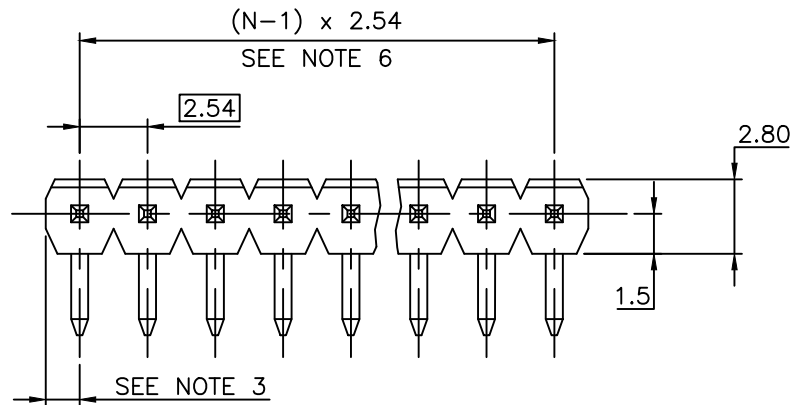
NOTES:
1. HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC FLAME RETARDANT PER UL94-V0, COLOR BLACK.
2. PIN MATERIAL: PHOSPHOR BRONZE.
3. DIM 1.27^{+0.03}_{-0.13} FOR MOULDED SIDE(S) ONLY. IF SIDE(S) ARE BROKEN, DIM 1.02 TO 1.7 MAX APPLIES.

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 77315.
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 NOTE 1		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
AG	F06-0196	LMU	06.06.20	angles linear .x ±0.3	HEADER SR RA POL. 2.54mm
AH	F08-0148	JCO	08.05.27	.xx ±0.15	
AJ	F12-0042	LMU	12.04.04	.xxx ±0.05	scale 5:1
AK	F12-0802	LMU	12.10.25	dr L.MULIN 99.03.29	dwg no 75168
AL	B-19261	LMU	14.10.31	engr J.COMPAGNON 99.03.29	
AM	F-58758	DDE	25.12.24	chr J.COMPAGNON 99.03.29	sheet 1 of 2
appd J.COMPAGNON				size A3	
sheet index	revision sheet	AM	AH	type CUSTOMER Drawing	
	1	2			

APPLICATION SPECIFIC

PIN	STYLE	MATING	SOLDER	"C"	"J"
01		5.72	2.57	1.4	9.65
02		5.72	5.11	1.4	9.65
03		5.72	7.65	1.4	9.65
04		5.72	10.19	1.4	9.65
05		5.72	12.73	1.4	9.65
06		5.72	15.27	1.4	9.65
07		5.72	5.11	3.94	12.19
08		5.72	7.65	3.94	12.19
09		5.72	10.19	3.94	12.19
10		5.72	12.73	3.94	12.19
11		5.72	15.27	3.94	12.19
13		5.72	3.45	1.4	9.65
14		5.72	5.99	3.94	12.19
15		5.72	8.53	6.48	14.73
16		8.51	3	1.4	12.45
17		8.51	5.54	3.94	14.99
19		5.72	3.05	1.4	9.66
20		5.84	2.29	1.4	9.78
21		5.72	11.07	9.02	17.27
22		11.71	3.2	1.4	15.65
23		3	2.94	1.94	7.44
24		4.8	6.16	1.94	9.28
27		3.55	3.3	1.4	7.49
28		10	3.2	1.4	13.94
29		7.30	7.30	1.4	11.24
30		8.10	12.50	1.4	12.04
31		6.70	3.00	1.4	10.64

A

B

C

D

A

B

C

D

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mat'l. code		surface		tolerance		projection		product family	
SEE SHEET 1		ISO 1302 <input checked="" type="checkbox"/>		ISO 406 ISO 1101				BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
AG	F12-0802	LMU	12.10.25	angles	linear	mm		HEADER SR RA	
AH	F-58758	DDE	25.12.24				scale		POL. 2.54mm
AC	F10167	LMU	01.03.12	dr	L.MULIN	99.03.29	dwg no		sheet 2 of - size
AD	F20116	DLE	02.01.15	enfr	J.COMPAGNON	99.03.29	75168		A3
AE	F06-0196	LMU	06.06.20	chr			CUSTOMER		Drawing
AF	F12-0042	LMU	12.04.04	appd	J.COMPAGNON	99.03.29			
sheet index	revision								
	sheet								