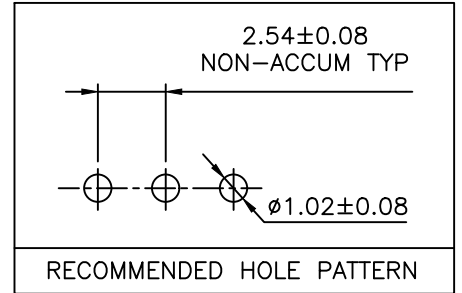


PRODUCT NUMBER
77315-YXX-XXLF

- RoHS COMPATIBLE, SEE NOTE 7
- TOTAL NB OF POSITIONS 01 TO 36
- PACKAGING, SEE NOTE 3
(MAY BE SUBJECT TO TOOLING FEES)
- PIN STYLE, SEE SHEET 2
(AS AVAILABLE)
- PLATING, SEE SHEET 2
(AS AVAILABLE)

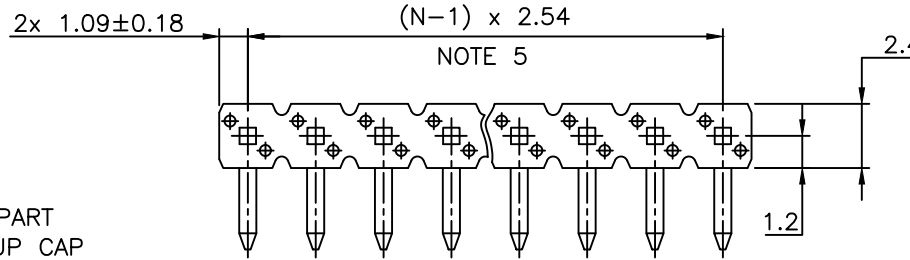
EXTENDED RANGE

- TOOLING FEASIBILITY CONFIRMED
- SAMPLES ON DEMAND
- AVAILABILITY ON DEMAND

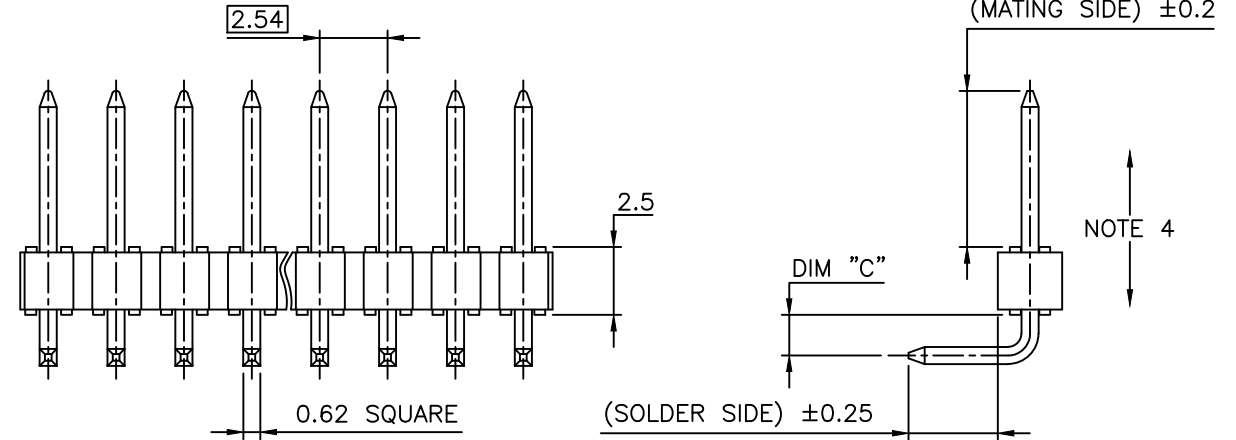


NOTES:

1. HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
2. PIN MATERIAL: PHOSPHOR BRONZE
3. PACKAGING:
 - PACKAGING POLYBAG OR BLIBOX
 - "V" BLIBOX PACK FOR CUSTOMER DEDICATED PART
 - "K" TAPE & REEL PACKAGING WITHOUT PICK UP CAP



4. 9N MIN RETENTION IN EITHER DIRECTION
5. TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm
6. UNDERPLATING : 1.27µm Ni MIN
7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS



- a - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
 - 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.
 - REFLOW COMPATIBLE
 - c - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - d - LEGAL STATEMENT: SEE GS-47-0004
8. 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.
 9. 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		surface		tolerance		projection		product family	
SEE NOTES		ISO 1302 ✓		ISO 406 ISO 1101				BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
BJ	F-285586	DDE	26.04.08	angles	linear	.x ±0.3		UNSHR.HEADER	
						.XX ±0.15		RA SR TMT	
						.XXX ±0.05		RA SR TMT	
BD	F-39738	DDE	21.01.22				scale 5:1	dwg no	
BE	F-41253	DDE	21.06.17	dr	D.LEGRAND	01.01.24		sheet 1 of 2	
BF	F-47090	DDE	23.01.23	enfr	J.COMPAGNON	01.01.24		size	
BG	F-54500	DDE	25.02.05	chr	J.COMPAGNON	01.01.24		77315	
BH	F-59414	DDE	26.02.10	appd	JF.NOTTEAU	01.01.24		A3	
sheet	revision	BJ	BB					type	
index	sheet	1	2					CUSTOMER Drawing	

PRODUCT SPECIFICATIONS

PIN STYLE	MATING	SOLDER	DIM "C"
01	5.72	2.57	1.5
02	5.72	5.11	1.5
03	5.72	7.65	1.5
07	5.72	5.11	3.9
13	5.72	3.45	1.5
18	5.84	3.05	1.5
22	11.71	3.2	1.5
24	6.75	2.85	1.5
25	8.07	3.05	1.5
26	8.2	12.6	1.5
27	5	3.9	1.5
28	3.1	3.1	1.5
29	9.7	2.90	1.5
30	8.30	4.40	1.5
31	11.70	2.80	1.5
32	8.90	3.05	1.5
35	5.72	12.73	1.5
36	N/A		
37	N/A		
38	8.51	5.51	1.5
39	9.80	9.30	1.5
40	8.13	2.54	3.90
41	14.20	3.05	1.5
42	9.00	7.20	1.5
43	8.08	2.79	1.5
44	15.70	2.79	1.5
45	8.20	2.35	1.5
46	3.10	9.90	1.5
47	2.30	2.30	1.5
48	3.50	3.05	1.5
49	6.60	4.52	1.5
50	7.00	9.00	4.46
51	7.60	10.50	1.5

PRODUCT SPECIFICATIONS

PIN STYLE	MATING	SOLDER	DIM "C"
52	2.54	3.05	1.5
53	1.2	2.30	1.5
54	2.5	7.40	2.66
56	3.0	5.83	3.4
58	4.50	2.29	1.5
59	3.00	6.00	1.5
60	5.84	5.58	3.9

PLATING

- 1 = 0.76µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL
- 4 = 3µm-5µm TIN FULL PLATED REFLOW
- 8 = 0.38µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL
- G = 0.76µm FULL GXT
- S = 0.38µm FULL GXT
- 1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

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mat'l. code				surface		tolerance		projection		product family	
SEE NOTES				ISO 1302		ISO 406 ISO 1101				BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
AX	F-41253	DDE	21.06.17	angles	linear	.X ±0.3				UNSHR.HEADER RA SR TMT	
AY	F-47090	DDE	23.01.23			.XX ±0.15					
BA	F-54500	DDE	25.02.05			.XXX ±0.05					
BB	F-285586	DDE	26.04.08	dr	D.LEGRAND	01.01.24		dwg no		sheet 2 of 2	size
				enrg	J.COMPAGNON	01.01.24		Amphenol FCI		77315 A3	
AV	F-26544	LMU	17.11.20	chr	J.COMPAGNON	01.01.24		type		CUSTOMER Drawing	
AW	F-38749	DDE	20.10.26	appd	JF.NOTTEAU	01.01.24					
sheet index	revision										
	sheet										