

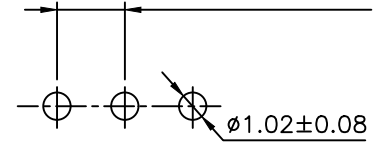
PRODUCT NUMBER
77315-YXX-XXLF

- 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

2.54±0.08
NON-ACCUM TYP



RECOMMENDED HOLE PATTERN

NOTES:

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

- 9N MIN RETENTION IN EITHER DIRECTION
- TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm

- 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

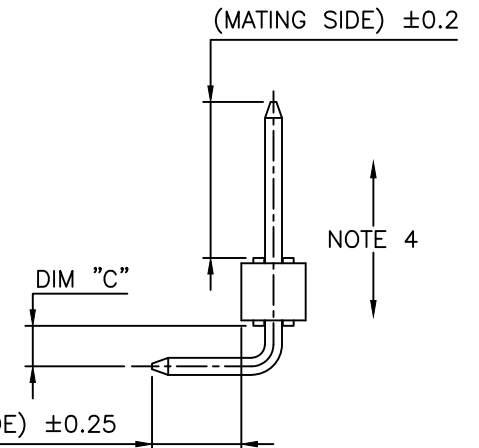
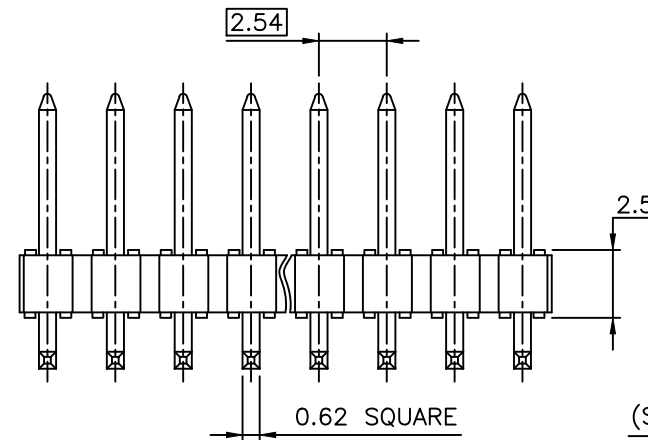
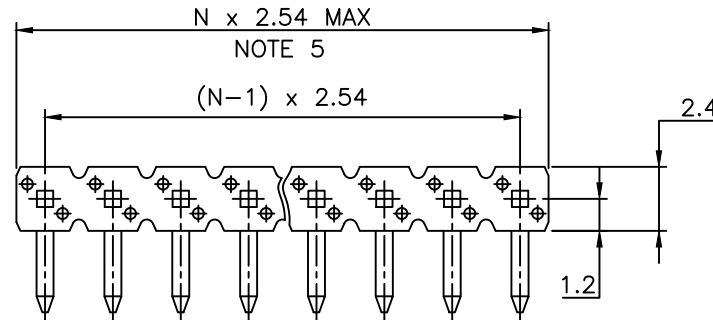
c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004

- 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.

- 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 NOTES				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm scale 5:1	title UNSHR.HEADER RA SR TMT			
BB	F-26544	LMU	17.11.20	angles	linear					
BC	F-38749	DDE	20.10.26		.X ±0.3					
BD	F-39738	DDE	21.01.22		.XX ±0.15					
BE	F-41253	DDE	21.06.17	dr	D.LEGRAND	01.01.24	dwg no 77315 sheet 1 of 2 size A3			
BF	F-47090	DDE	23.01.23	enr	J.COMPAGNON	01.01.24				
BG	F-54500	DDE	25.02.05	chr	J.COMPAGNON	01.01.24				
				appd	JF.NOTTEAU	01.01.24				
sheet index	revision sheet	BG	BA				type CUSTOMER			
		1	2				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
33		10.20	3.05	1.5
34		10.00	3.25	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
55		5.1	5.1	1.5
56		3.0	5.83	3.4
57		4.50	3.05	1.5
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

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			
AY	F-47090	DDE	23.01.23			.XX ±0.15						
BA	F-54500	DDE	25.02.05			.XXX ±0.05		mm	RA SR TMT			
								scale 5:1				
				dr	D.LEGRAND		01.01.24		dwg no		sheet 2 of 2	size
AU	F-25361	DDE	16.11..16	engr	J.COMPAGNON		01.01.24		77315			A3
AV	F-26544	LMU	17.11.20	chr	J.COMPAGNON		01.01.24					
AW	F-38749	DDE	20.10.26	appd	JF.NOTTEAU		01.01.24		type		CUSTOMER	Drawing
sheet	revision											
index	sheet											