

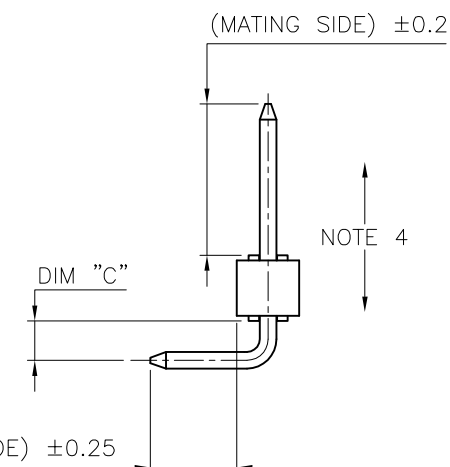
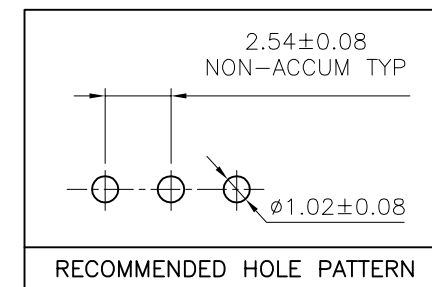
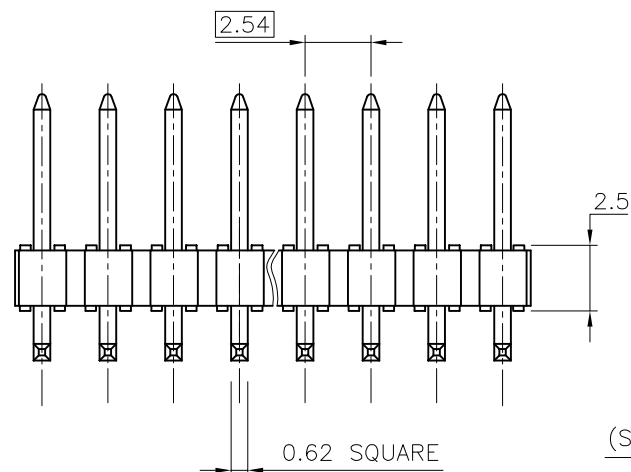
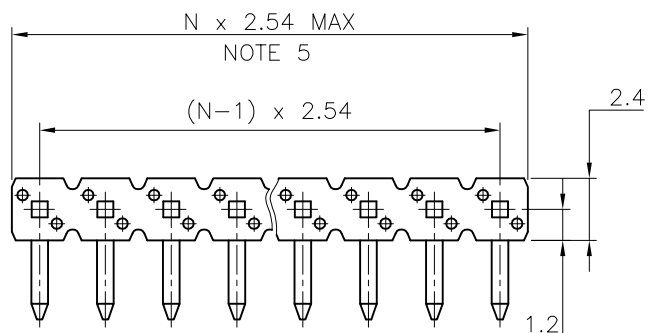
# PRODUCT NUMBER

77315-YXX-XXLF

- INDICATES THE PRODUCT IS RoHS COMPATIBLE, SEE NOTE 7
- TOTAL NB OF POSITIONS 02 TO 36
- PACKAGING, NOTE 3
- PIN STYLE SEE SHEET 2
- PLATING SEE SHEET 2

## NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
3. PACKAGING:
  - PACKAGING POLYBAG
  - "V" BLIBOX PACK FOR VALEO
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.
  - c - LABELING:
    - MEETS PACKAGING SPECS AS PER GS-14-920
  - d - LEGAL STATEMENT: SEE GS-22-008



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	title UNSHR.HEADER RA SR TMT			
AK	B-15093	JCO	13.06.28	angles	linear		dwg no 77315 sheet 1 of 2 A3			
AL	B-15388	LMU	13.07.31							
AM	B16178	JCO	13.10.31			scale 5:1	type CUSTOMER Drawing			
AG	F12-0016	LMU	12.02.20	dr	D.LE	01.01.24	FCJ			
AH	F12-0060	LMU	12.06.07	enrg	JM.C	01.01.24				
AJ	F12-0095	LMU	12.10.25	chr	JM.C	01.01.24				
				appd	JF.N	01.01.24				
sheet index	revision sheet	AM	AK							
		1	2							



FCIconnect.com




Copyright FCI

## PLATING

- 1 = 0.76 $\mu$ m GOLD/GXT ON CONTACT AREA 3.81 $\mu$ m TIN-LEAD ON TAIL  
4 = 3.81 $\mu$ m TIN-LEAD ON CONTACT AREA 3.81 $\mu$ m TIN-LEAD ON TAIL  
8 = 0.38 $\mu$ m GOLD/GXT ON CONTACT AREA 3.81 $\mu$ m TIN-LEAD ON TAIL  
G = 0.76 $\mu$ m FULL GXT  
S = 0.38 $\mu$ m FULL GXT
- 1.27 $\mu$ m NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS
  - WHEN "LF" IS REQUIRED, 2 $\mu$ m MATTE TIN OVER 1.27 $\mu$ m MIN NICKEL PROVIDED INSTEAD OF TIN-LEAD

## PRODUCT SPECIFICATIONS

PIN	STYLE	MATING	SOLDER	DIM "C"
01		5.72	2.57	1.5
02		5.72	5.11	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

mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
AG	F12-0095	LMU	12.10.25	angles	linear	.X ±0.3				UNSHR.HEADER RA SR TMT			
AH	B-15093	JCO	13.06.28			.XX ±0.15							
AJ	B-15388	LMU	13.07.31			.XXX ±0.05		scale 5:1					
AK	B-16178	JCO	13.10.31	dr	D.LE	01.01.24				dwg no		sheet 2 of 2	size
				enrg	JM.C	01.01.24				77315		A3	
AE	F12-0016	LMU	12.02.20	chr	JM.C	01.01.24							
AF	F12-0060	LMU	12.06.07	appd	JF.N	01.01.24				type		CUSTOMER	Drawing
sheet index	revision sheet												