

PRODUCT NUMBER
77317-YXX-XXLF

RoHS COMPATIBLE
SEE NOTE 7

TOTAL NB OF POSITIONS 02 TO 72

PACKAGING, SEE NOTE 3
(MAY BE SUBJECT TO TOOLING FEES)

PIN STYLE, SEE SHEET 2
(AS AVAILABLE)

PLATING, SEE SHEET 2
(AS AVAILABLE)

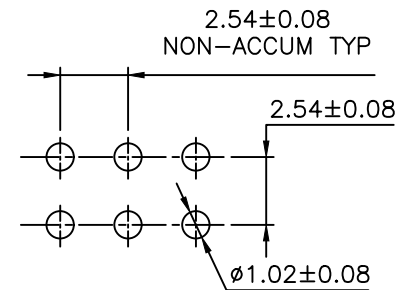
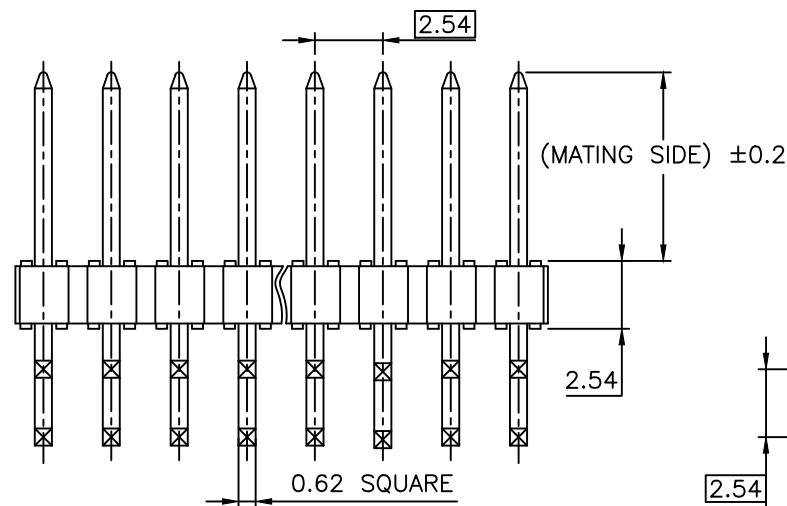
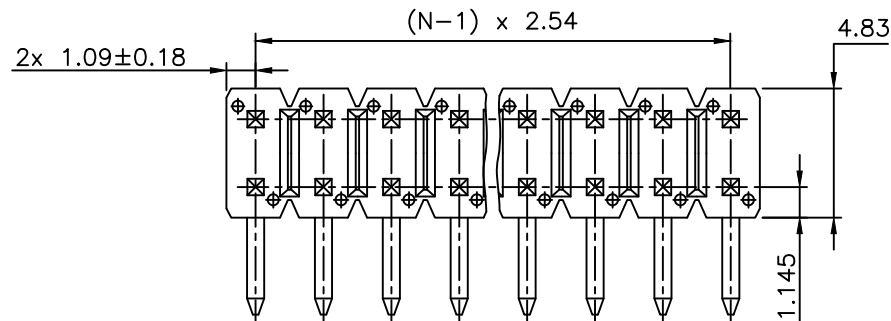
NOTES:

1. HOUSING MATERIAL : HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
2. PIN MATERIAL : PHOSPHOR BRONZE
3. PACKAGING:
 - PACKAGING POLYBAG OR BLIBOX
 - "BL" BLIBOX PACK FOR CUSTOMER DEDICATED PART
 - "V" BLIBOX PACK FOR CUSTOMER DEDICATED PART
4. 9N MIN RETENTION IN EITHER DIRECTION
5. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS $N \times 2.54 = 20.32\text{mm}$
6. UNDERPLATING : $1.27\mu\text{m}$ Ni MIN
7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - a - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE, $2\mu\text{m}$ MINIMUM MATTE TIN OVER $1.27\mu\text{m}$ MINIMUM NICKEL UNDERPLATE.
 - b - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND EXPOSURE TO $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$ 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

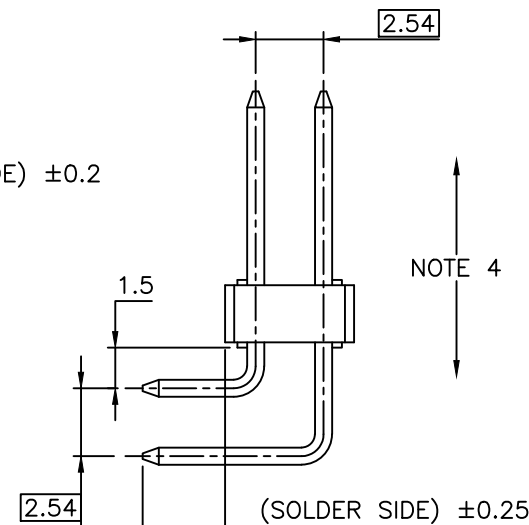
8. THIS PART SERIES IS NOT INITIALLY INTENDED FOR AUTOMOTIVE APPLICATIONS. ADDITIONAL FEES ARE CHARGEABLE FOR ANY ADDITIONAL QUALIFICATION AND TEST REPORTS PERFORMED OUTSIDE THE SCOPE OF THE STANDARD PRODUCT SPECIFICATIONS.
9. UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO CHANGE WITHOUT NOTICE.

EXTENDED RANGE

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



RECOMMENDED HOLE PATTERN



NOTE 4

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							
AR	F-47094	DDE	23.01.23	angles		X.X ±0.3		mm		UNSHR.HEADER							
AS	F-50791	LMU	24.02.21	linear		X.XX ±0.13				RA DR TMT							
AT	F-54509	DDE	25.02.06			X.XXX ±0.05		scale 5:1									
AU	F-55489	DDE	25.04.16	dr	D.LEGRAND		01.01.24				dwg no				sheet 1 of 2		size
				engr	J.COMPAGNON		01.01.24		Amphenol FCI		77317						A3
AN	F-29937	DDE	18.04.20	chr	J.COMPAGNON		01.01.24										
AP	F-38414	DDE	20.09.18	appd	JF.NOTTEAU		01.01.24				type				CUSTOMER		Drawing
sheet index	revision sheet	AU 1	AN 2														

PLATING

- 1 = 0.76µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL
- 4 = 2µm TIN MIN FULL PLATED
- 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

PRODUCTS SPECIFICATIONS		
PIN	STYLE	MATING
01		5.72
03		5.84
04		5.84
10		8.07
12		6.80
14		10.00
15		7.00
16		7.80
17		7.48
18		8.80
19		2.60
20	N/A	
21		10.89
22		3.51
23		7.20
24		3.10
25		8.08
26		6.00

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		
AG	B-21242	AMA	15.06.25	angles	linear	x.x ±0.3			UNSHR.HEADER RA DR TMT		
AH	F-23305	AMA	16.02.19			x.xx ±0.13					
AJ	F-27765	DDE	17.08.21			x.xxx ±0.05					
AK	F-29937	DDE	18.04.20	dr	D.LEGRAND	01.01.24			dwg no		sheet 2 of 2
AL	F-47094	DDE	23.01.23	engr	J.COMPAGNON	01.01.24			77317		A3
AM	F-50791	LMU	24.02.21	chr	J.COMPAGNON	01.01.24			type		CUSTOMER
AN	F-54509	DDE	25.02.06	appd	JF.NOTTEAU	01.01.24			Drawing		
sheet	revision										
index	sheet										

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