

PRODUCT NUMBER

77317-YXX-XXLF

RoHS COMPATIBLE
SEE NOTE 7

TOTAL NB OF POSITIONS 04 TO 72

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. STANDARD PACKAGING IN POLYBAG

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.

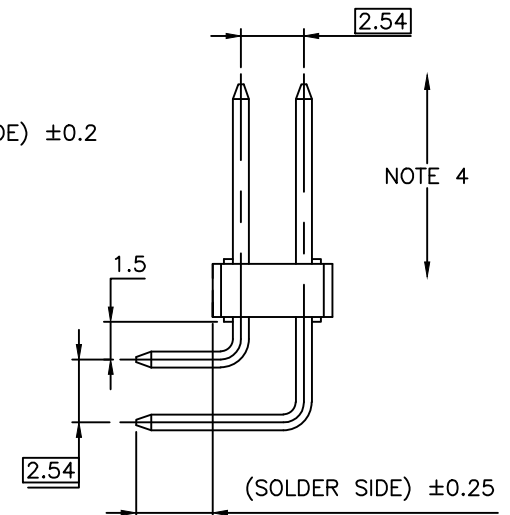
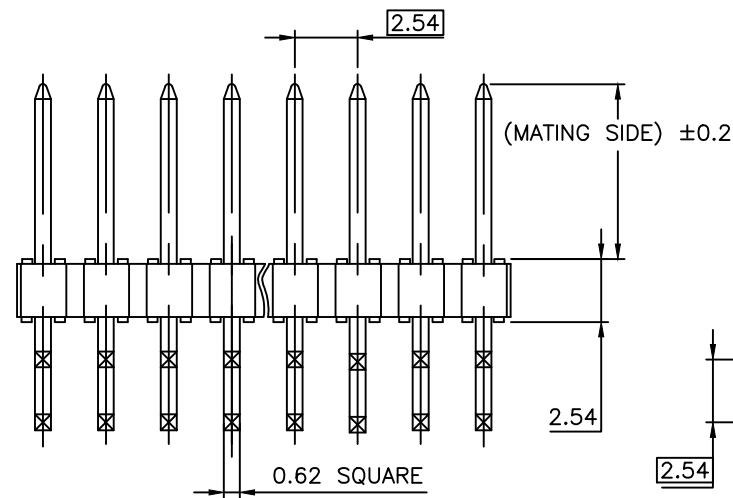
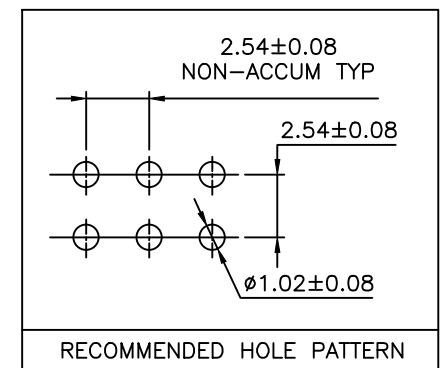
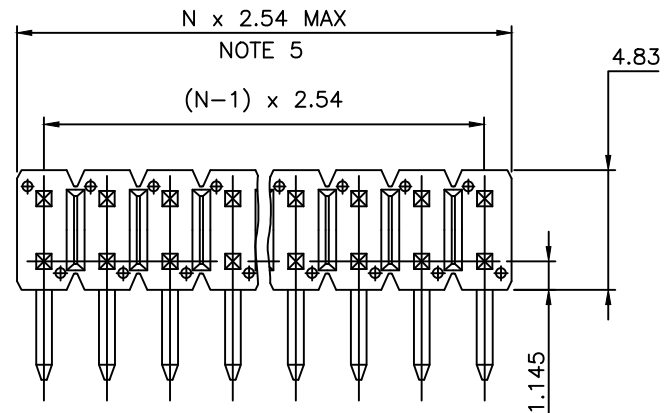
b - MANUFACTURING PROCESS COMPATIBILITY

- 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



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		title UNSHR.HEADER RA DR TMT		
AH	B-18916	LMU		14.09.29	angles	.X ± 0.3	scale 5:1		
AJ	B-19783	AMA		14.12.18	linear	.XX ± 0.15			
AK	B-21242	AMA		15.06.25		.XXX ± 0.05			
			dr		D.LE	01.01.24	FCJ		
AE	F08-0148	RTR		08.03.31	enrg	JM.C			
AF	F09-0212	LMU		09.11.03	chr	JM.C			
AG	F11-0320	LMU		12.01.25	appd	JF.N			
sheet	revision	AK	AG				dwg no		
index	sheet	1	2				77317		
							sheet 1 of 2		
							size		
							A3		
							type		
							CUSTOMER Drawing		

PLATING

- 1 = 0.76µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL
- 4 = 2µm TIN MIN FULL PLATED
- 5 = 0.25µm GOLD/GXT ON CONTACT AREA, 2µm TIN MIN ON TAIL
- 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	SOLDER
01		5.72	2.57
03		5.84	2.54
04		5.84	3.05
12		6.80	3.05
14		10.00	2.70
15		7.00	16.40
16		7.80	13.50
17		7.48	1.60
18		8.80	2.90
19		2.60	2.60
20		N/A	
21		10.89	3.05
22		3.51	3.51



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ltr	ecn no	dr	date	tolerances unless otherwise specified		mm ↔	title UNSHR.HEADER RA DR TMT		
AG	B-21242	AMA	15.06.25	angles	.X ±0.3				
				linear	.XX ±0.15				
AB	F06-0263	LMU	06.10.27		.XXX ±0.05	scale 5:1	 dwg no 77317 type CUSTOMER Drawing		
AC	F08-0148	RTR	08.03.31	dr	D.LE	01.01.24			
AD	F09-0212	LMU	09.11.03	enrg	JM.C	01.01.24			
AE	F11-0320	LMU	12.01.25	chr	JM.C	01.01.24			
AF	B-18916	LMU	14.09.29	appd	JF.N	01.01.24			
sheet	revision						sheet 2 of A3		
index	sheet								