

- 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

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 $N \times 2.54 = 20.32\text{mm}$

6. UNDERPLATING : 1.27 μ m 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.

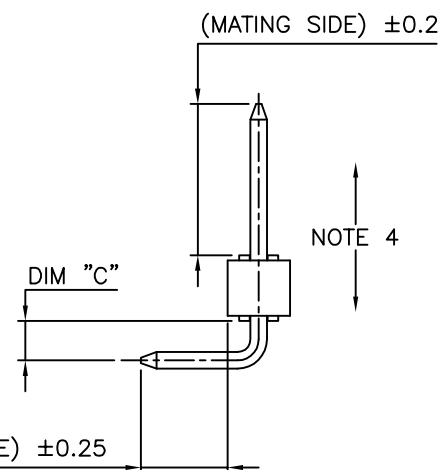
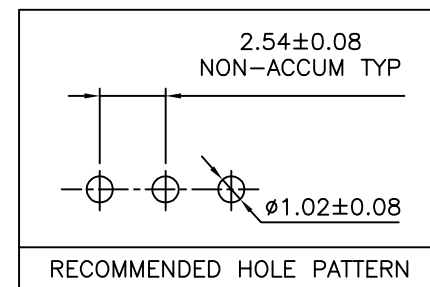
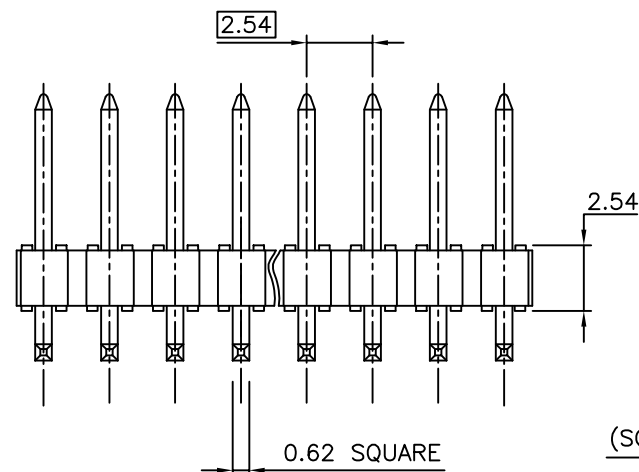
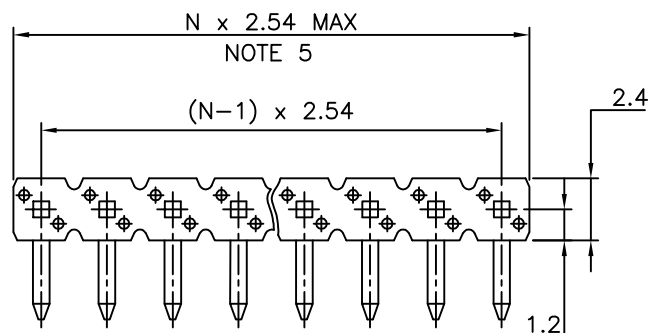
b – MANUFACTURING PROCESS COMPATIBILITY

- 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 		product family BERGSTIK				
ltr	ecn no	dr	date	tolerances unless		otherwise specified		 mm 		title				
AC	F08-0242	LMU	08.11.03	angles	linear	.X ±0.3				UNSHR.HEADER RA SR TMT				
AD	F10-0039	LMU	10.07.05			.XX ±0.15								
AE	F10-0095	JCO	10.09.07			.XXX ±0.05								
AF	F11-0320	LMU	12.01.25	dr	D.LE		01.01.24		dwg no					sheet 1 of 2
AG	F12-0016	LMU	12.02.20	enrg	JM.C		01.01.24				77315		A3	
AH	F12-0060	LMU	12.06.07	chr	JM.C		01.01.24				type		CUSTOMER	Drawing
AJ	F12-0095	LMU	12.10.25	appd	JF.N		01.01.24							
sheet index	revision sheet	AJ	AG	1	2									



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PLATING

1 = 0.76µm GOLD/GXT ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL

4 = 3.81µm TIN-LEAD ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL

8 = 0.38µm GOLD/GXT ON CONTACT AREA 3.81µm TIN-LEAD ON TAIL

G = 0.76µm FULL GXT

S = 0.38µm FULL GXT

- 1.27µm NICKEL MIN UNDERLAYER FOR ALL PLATING VERSIONS

- WHEN "LF" IS REQUIRED, 2µm MATTE TIN OVER 1.27µm 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

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	F12-0095	LMU		12.10.25	angles	linear	.X ±0.3			UNSHR.HEADER RA SR TMT				
							.XX ±0.15							
							.XXX ±0.05							
AB	F10-0039	LMU		10.07.05					scale 5:1					
AC	F10-0095	JCO		10.09.07	dr	D.LE	01.01.24				dwg no		sheet 2 of 2	size
AD	F11-0320	LMU		11.01.25	enr	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	revision													
index	sheet													