

PRODUCT NUMBER  
98401-XXX-XXLF

1 | 2 | 3 | 4 | 5 | 6  
WHEN REQUIRED, ADD SUFFIX LETTER "LF"  
INDICATES THE PRODUCT IS RoHS  
COMPATIBLE, SEE NOTE 7  
TOTAL NB OF POSITIONS, 8 TO 50  
PACKAGING TYPE, NOTE 3

PLATING

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

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

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

WHEN "LF" IS REQUIRED, 2µm MIN  
MATTE TIN OVER 1.27µm MIN NICKEL  
INSTEAD OF TIN-LEAD

PIN STYLE	MATING	DIM "A"	OAH
01	5.84	9.6	10.2
02	8.08	11.8	12.4
03	13.00	16.8	17.4
06	10.50	14.3	14.9
07	14.50	18.3	18.9

NOTES:

1. HOUSING MAT'L : HIGH TEMPERATURE  
THERMOPLASTIC. UL94V-0 COLOR: BLACK

2. PIN MATERIAL : PHOSPHOR BRONZE

3. PACKAGING

- = POLY BAGS

A = TAPE & REEL WITH PICK UP CAP  
(SEE TA840 FOR PRODUCT AVAILABILITY)

TV = TUBE WITHOUT PICK UP CAP FOR VALEO

K = TARE & REEL WITHOUT PICK-UP CAP.

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. HOLE DIMENSION TO BE  $\phi 1.6 \pm 0.03$  FOR  
INTERFERENCE FIT APPLICATIONS.

HOLE DIMENSIONS TO BE  $\phi 1.95 \pm 0.05$  FOR  
LOCATION APPLICATION WITH AUTOMATIC  
PICK AND PLACE MACHINES.

7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE,  
2µm MINIMUM MATTE TIN OVER 1.27µm  
MINIMUM NICKEL UNDERPLATE.

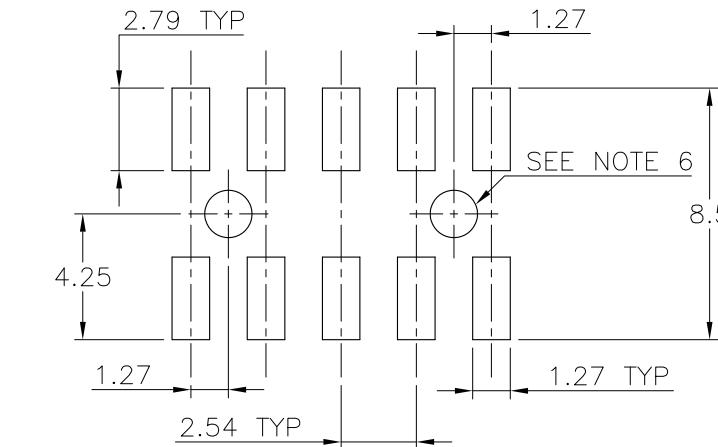
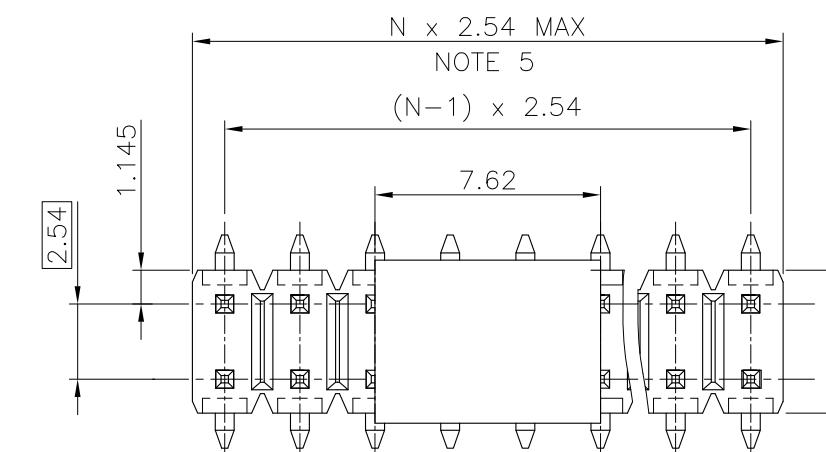
b - MANUFACTURING PROCESS COMPATIBILITY

- THE HOUSING WILL WITHSTAND EXPOSURE TO  
260°C PEAK TEMPERATURE FOR 30 SECONDES  
IN A CONVECTION, INFRA-RED OR VAPOR  
PHASE REFLOW OVEN.

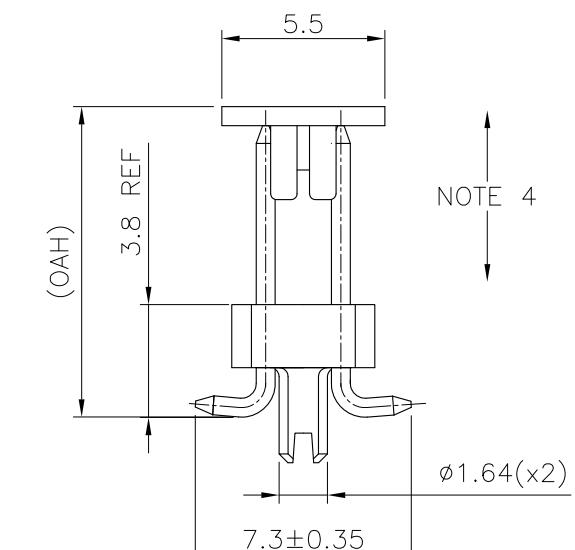
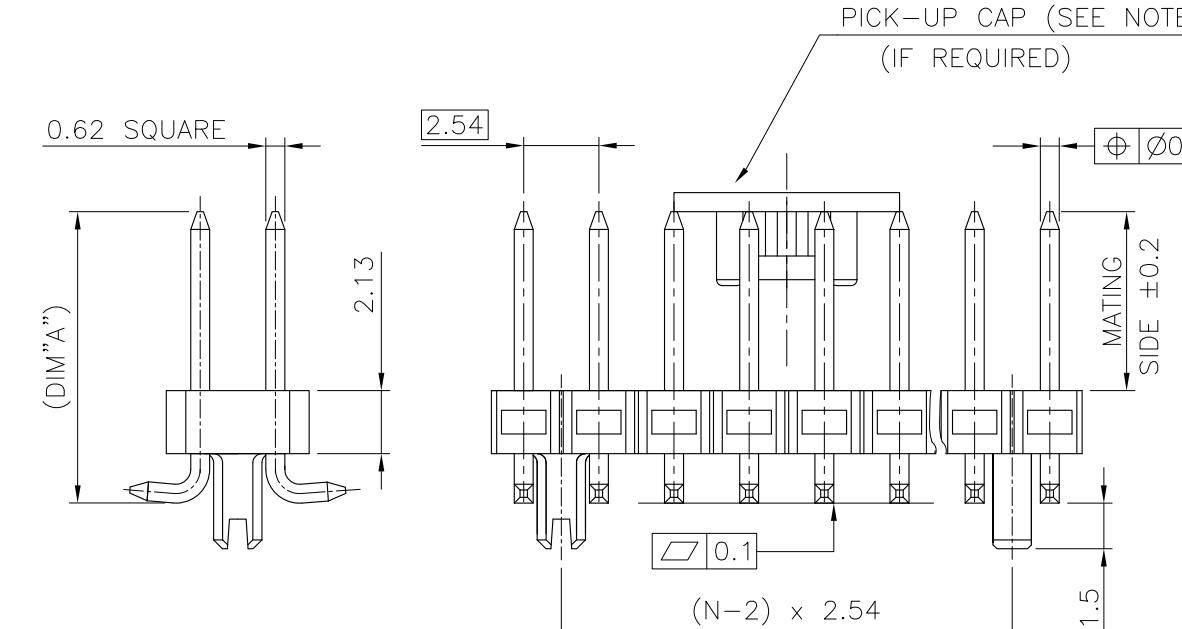
c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-22-0004



RECOMMENDED PAD LAYOUT



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 UNSHR.HEADER DR SMT		
				angles	linear	x.x ± 0.3			
J	F11-0031	LMU	11.03.24			x.xx ± 0.13			
K	F11-0320	LMU	12.01.25			x.xxx ± 0.05			
L	F12-0025	JCO	12.03.07	dr	D.LE	01.01.24			
M	F12-0057	LMU	12.05.15	engr	JM.C	01.01.24			
N	F12-0084	LMU	12.07.06	chr	JM.C	01.01.24			
P	F12-0839	JFA	12.12.06	appd	JF.N	01.01.24			
sheet index		revision sheet					scale 5:1		
dwg no 98401									
type CUSTOMER									
Drawing									



# Mouser Electronics

Authorized Distributor

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FCI:

98401-801-20LF