

— RoHS COMPATIBLE, SEE NOTE 7
— TOTAL NB OF POSITIONS, 8 TO 54
— PACKAGING TYPE, NOTE 3

1= 0.76μm GOLD/GXT ON CONTACT
AREA, 2μm TIN MIN ON TAILS

4= 2.0μm TIN MIN FULL PLATED

5= 0.25μm GOLD/GXT ON CONTACT
AREA, 2μm TIN MIN ON TAILS

8= 0.38μm GOLD/GXT ON CONTACT
AREA, 2μm TIN MIN ON TAILS

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
08	7.30	11.1	11.7

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
CUSTOMER DEDICATED PART
 - K = TAPE & REEL WITHOUT PICK-UP CAP.

5. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS $N \times 2.54 = 20.32\text{mm}$

7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

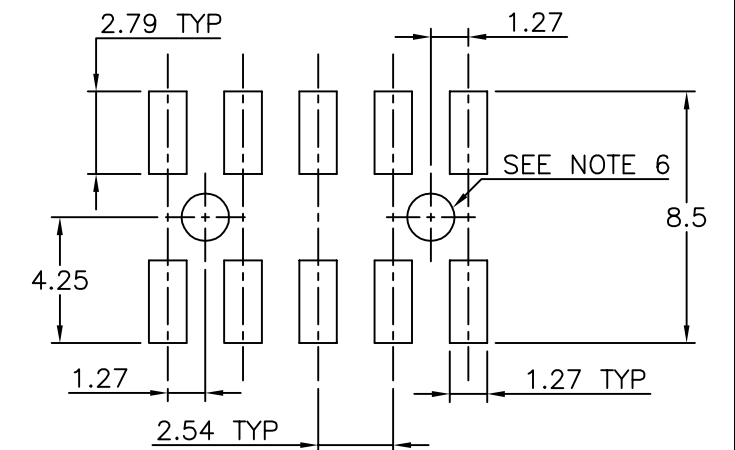
- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2μm MINIMUM MATTE TIN OVER 1.27μm MINIMUM NICKEL UNDERPLATE.

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

— MEETS PACKAGING SPECS AS PER GS-14-920

Technical drawing of a multi-pin connector showing dimensions and formulas:

- Overall width: $N \times 2.54$ MAX
- Pin pitch (distance between adjacent pins): $(N-1) \times 2.54$
- Pin diameter: 2.54
- Pin spacing (distance between adjacent pins): 1.145
- Pin diameter: 4.83
- Pin diameter: 7.62



0.62 SQUARE

(DIM "A")

2.13

2.54

PICK-UP CAP (SEE NOTE 3)
(IF REQUIRED)

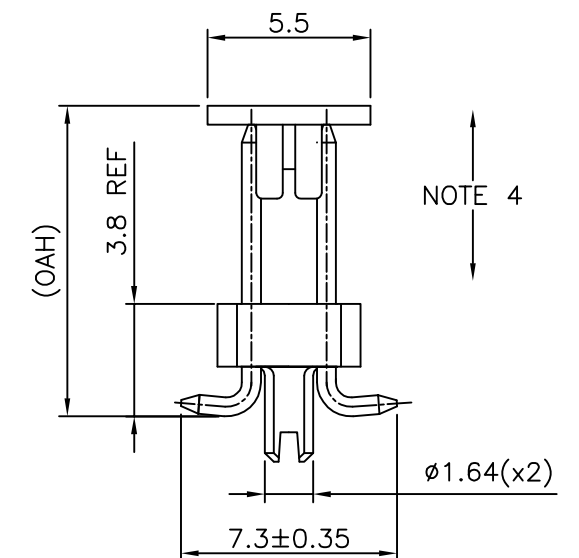
$\pm \varnothing 0.45$

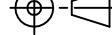
MATING SIDE ± 0.2

0.1

$(N-2) \times 2.54$

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		 mm scale 5:1		title UNSHR.HEADER DR SMT									
R	B-18906	LMU	14.09.25	angles	linear	x.x	±0.3												
S	B-18983	LMU	14.10.03			x.xx	±0.13												
T	B-19704	BVE	14.12.11			x.xxx	±0.05												
U	F-21501	AMA	15.07.23	dr	D.LE		01.01.24		dwg no sheet 1 of 1 size 98401 A3										
				enrg	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								type CUSTOMER Drawing									
		sheet																	