

— 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

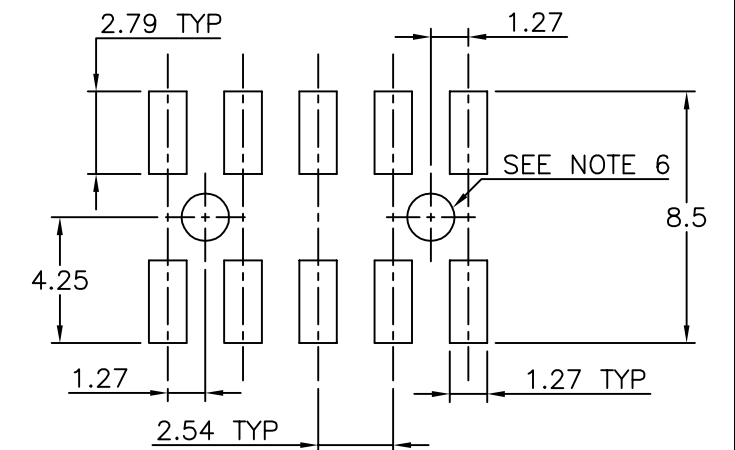
- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2μm MINIMUM MATTE TIN OVER 1.27μm MINIMUM NICKEL UNDERPLATE.

- 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
- Note: NOTE 5
- Formula for width: $(N-1) \times 2.54$
- Pin pitch: 2.54
- Pin diameter: 1.145
- Pin spacing: 7.62
- Pin diameter: 4.83



0.62 SQUARE

(DIM "A")

2.13

2.54

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

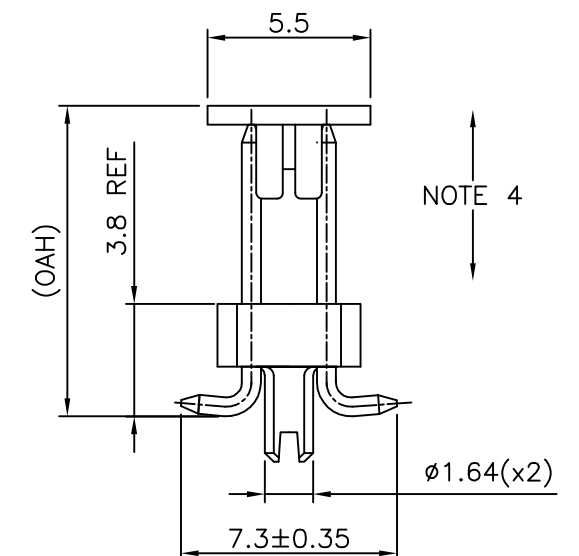
$\varnothing \varnothing 0.45$

MATING
SIDE ± 0.2

0.1

$(N-2) \times 2.54$

1.5

[illegible]