

## 6500 Ranging Transformer

SensComp Electronic Component – 6500 Ranging Transformer

### Features

Used on the SMT 6500 Ranging Modules  
and the Smart Sensor Modules

### Part No.

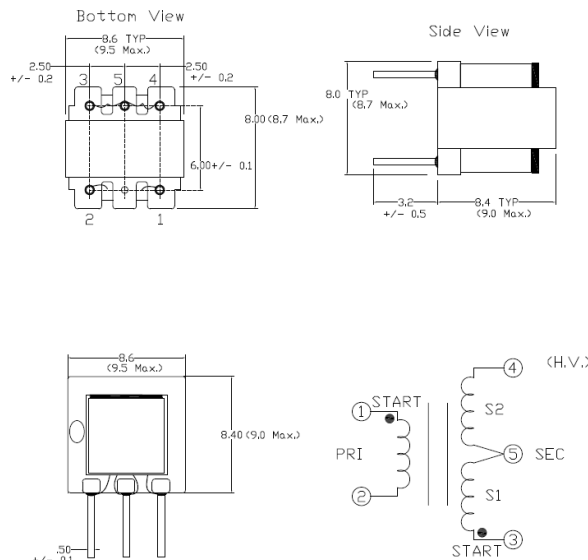
\*PID# 619391LF – 6500 Ranging Transformer

\*RoHS Compliant

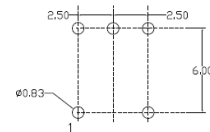
### Specifications

**Primary Supply Voltage**..... $5.0 \pm 0.1$  VDC  
**Primary DC Resistance (ohm)** ..... $0.065 \pm 20\%$   
**Primary Winding** ..... Outermost  
**Secondary Inductance (at 55 kHz)** ..... $22 \text{ mH} \pm 10\%$   
**Secondary DC Resistance (ohm)** ..... $100 \pm 20\%$   
**Output Voltage Amplitude**..... $580 \pm 30 \text{ V}_{PP}$   
**Duty Cycle** .....  $< 2\%$   
**Storage Temperature** .....  $+25^\circ\text{C}$  Ref.  
**Operating Temperature** .....  $-34^\circ\text{C}$  to  $+85^\circ\text{C}$   
**Dimensions:** dimensions are in mm

### Specifications



Suggested PCB Layout



\*DIMENSIONS (mm)

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