

## Transformer, Switching Supply, 3W



### ELECTRICAL SPECIFICATIONS

**Primary Inductance:**  $36\mu\text{H} \pm 20\%$  @ 0.1Vrms, 100KHz

**Primary DC Current:** 2.0A(dc) for temperature rise of 30°C maximum and for less than 20% reduction of inductance @ 0A(dc) on combined windings

**Primary DC Resistance:** 0.06 ohm maximum on combined windings

**Secondary DC Resistance:** 0.42 ohm maximum

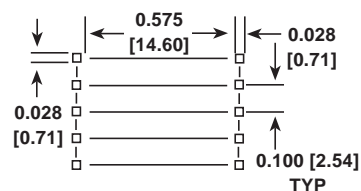
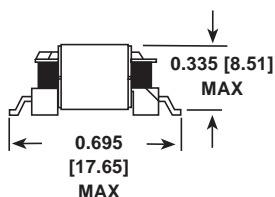
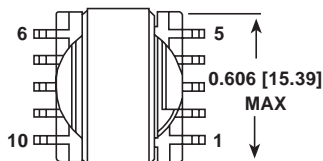
**Turns Ratio:**  $(1 - 10)/(5 - 6) = 0.561 \pm 5\%$

**Hipot Voltage:** 500V(ac), 5 seconds (Between Primary and Secondary windings and to core)

**Operating Temperature Range:** -20°C + 85°C

**NOTE:** Terminals 1, 2, 3, 4 and 10, 9, 8, 7 must be tied (shorted) for proper operation

### DIMENSIONS in inches [millimeters]



FOOTPRINT DIAGRAM

### TRANSFORMER SCHEMATIC

