

Power Transformer



ELECTRICAL SPECIFICATIONS

Primary Inductance (3, 4, 5 - 2,1): $12.8\mu\text{H} \pm 20\%$ @ 0.1Vrms, 100KHz

Primary DC Current Continuous (3, 4, 5 - 2, 1): 3.0A(dc) for temperature rise of 30°C maximum

Primary Incremental Current (or Peak Current): 3.28A(dc) typical for less than 20% reduction of inductance

Primary DC Resistance (3, 4, 5 - 2, 1): 0.031 ohm maximum on combined windings

Secondary DC Resistance (7 - 10): 0.17 ohm maximum

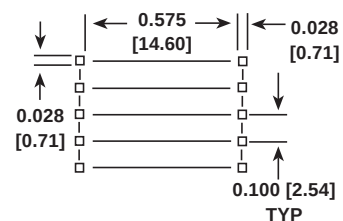
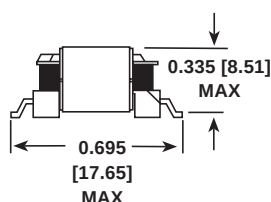
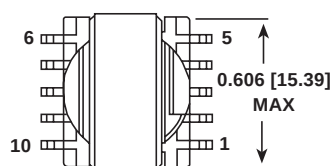
Turns Ratio: (3, 4, 5-2,1):(7-10) = 1.00:1.75 $\pm 5\%$

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

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

NOTE: Terminals 3, 4, 5 and 2, 1 must be tied (shorted) for proper operation

DIMENSIONS in inches [millimeters]



FOOTPRINT DIAGRAM

TRANSFORMER SCHEMATIC

