Coupled Inductor

ELECTRICAL SPECIFICATIONS

Primary Inductance (3, 4, 5 - 2, 1)): 12.8µH ± 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 (10-7): 0.21 ohm maximum

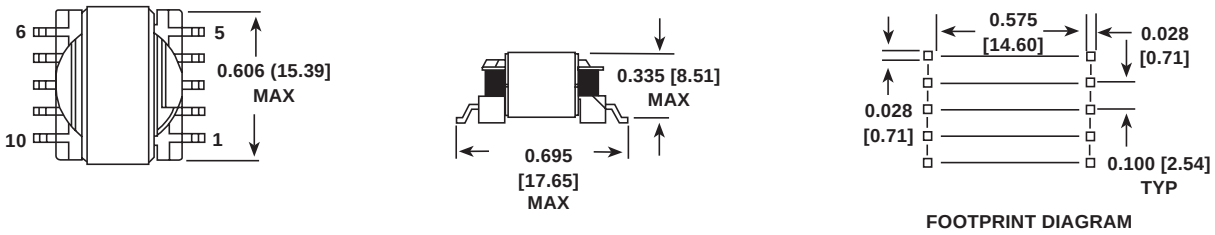
Turns Ratio: (3, 4, 5 - 2, 1) : (10 - 7) = 1.00 : 2.25 ± 5%

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

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

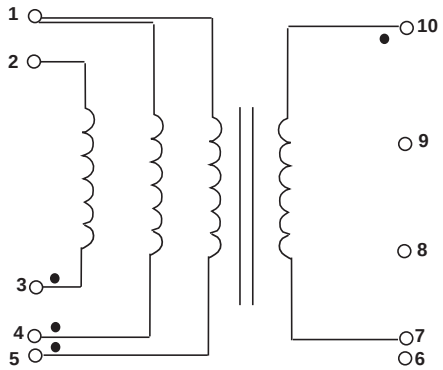
NOTE: Terminals **3**, **4**, **5** and **2**, **1** must be tied (shorted) for proper operation

DIMENSIONS in inches [millimeters]



FOOTPRINT DIAGRAM

TRANSFORMER SCHEMATIC



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