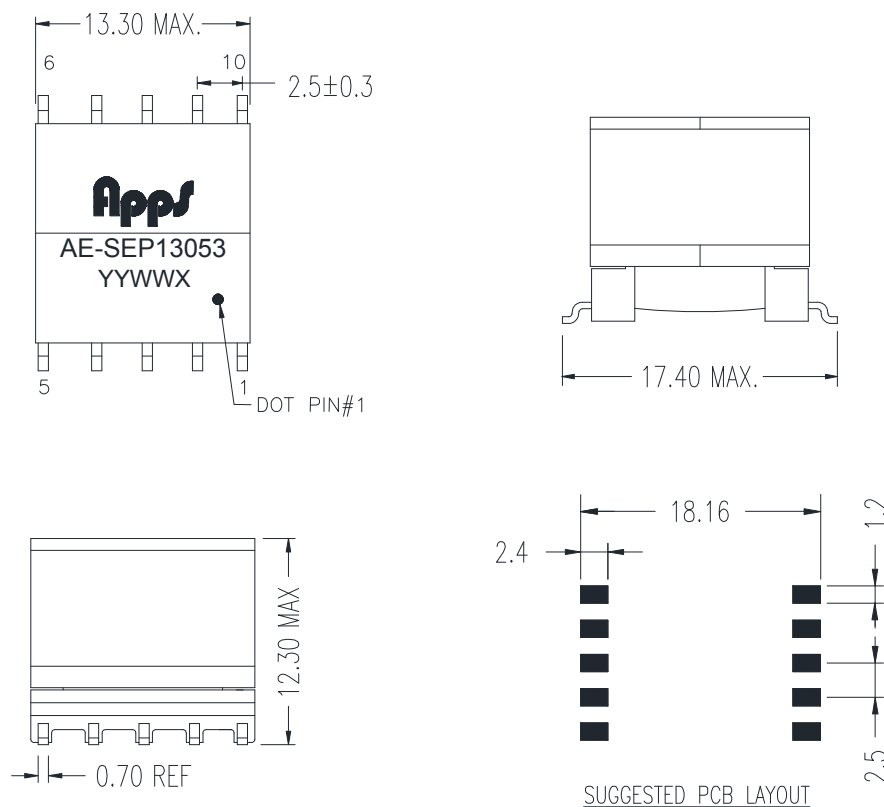


Part Number: AE-SEP13053

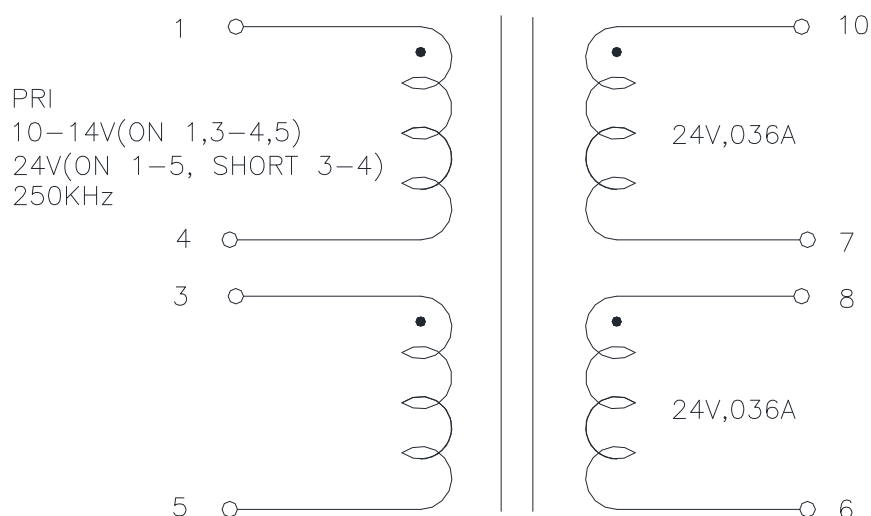
SMD POWER TRANSFORMER

Mechanical Dimensions



UNIT: mm

Schematic



Part Number: AE-SEP13053

SMD POWER TRANSFORMER

Electrical Characteristics @25°C

1. DCR : PIN 1,3-4,5 = 21.0mΩ MAX.
PIN 8-6 = 160.0mΩ MAX.
PIN 10-7 = 160.0mΩ MAX.
2. INDUCTANCE (@10KHz, 0.1Vrms AT 0 ADC) :
PIN 1,3-4,5 = 10.0uH ±10%.
(@10KHz, 0.1Vrms AT 4.6 ADC) :
PIN 1,3-4,5 = 7.5uH MIN.
3. LEAKAGE INDUCTANCE (@275KHz, 0.02Vrms) :
PIN 1,3-4,5 = 0.18uH MAX. (SHORT PIN 6,7,8,10)
4. TURN RATIO (@20KHz, 1.0Vrms) :
PIN 1-4 : 3-5 = 1.00 ±2%.
PIN 1-4 : 8-6 = 0.50 ±2%.
PIN 1-4 : 10-7 = 0.50 ±2%.
5. HI-POT (@1500VAC, 3mA, 60S) : PIN 1,3,4,5 TO 6,7,8,10
(@500VAC, 3mA, 60S) : PIN 1,4 TO 3,5
(@500VAC, 3mA, 60S) : PIN TO CORE
6. OPERATING TEMPERATURE : -40°C ~ +125.
7. RoHS COMPLIANT.