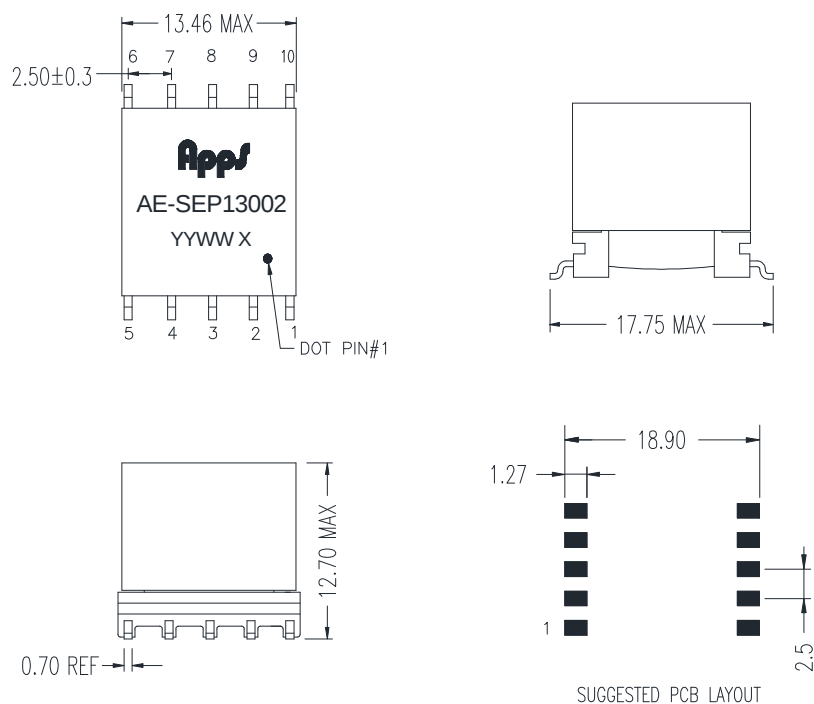


Part Number: AE-SEP13002

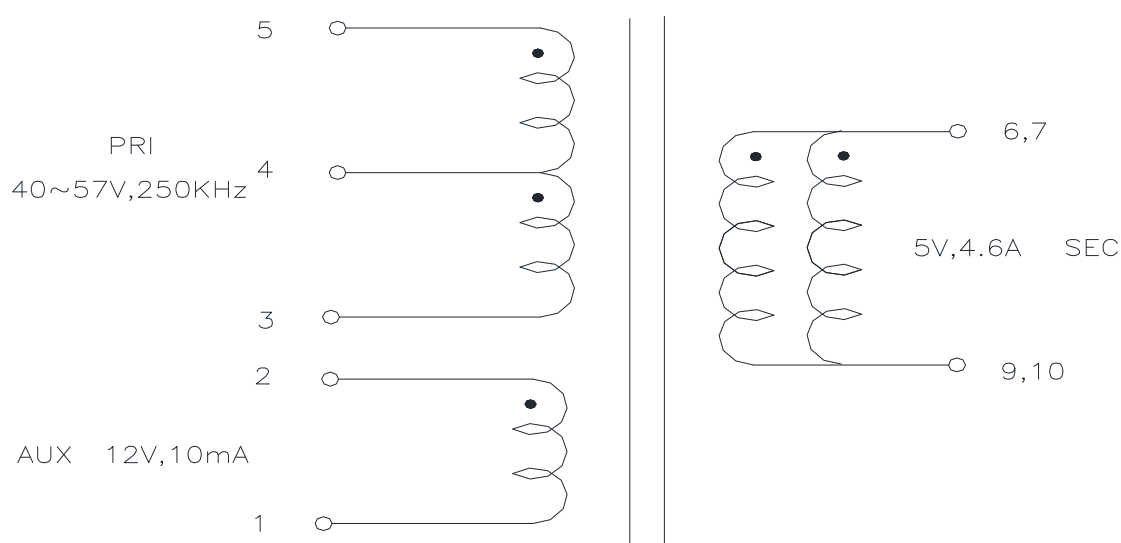
SMD POWER TRANSFORMER

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Mechanical Dimensions



Schematic



Part Number: AE-SEP13002

SMD POWER TRANSFORMER

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Electrical Characteristics @25°C

1. DCR :
PIN 1-2 = 123.0mΩ ±10%
PIN 3-5 = 68.0mΩ ±20%
PIN 6,7-9,10 = 5.0mΩ Max.
2. INDUCTANCE (@10KHz, 0.1Vrms) :
PIN 3-5 = 37.0uH ±10%
PIN 3-5 = 26.6uH MIN. (AT DC 3.0A)
3. TURN RATIO (@100KHz, 1.0Vrms) :
PIN 5-4 : 4-3 = 1 : 1 ±1%
PIN 5-3 : 2-1 = 1.8 : 1 ±1%
PIN 5-3 : 6,7-9,10 = 4.5 : 1 ±1%
4. LEAKAGE INDUCTANCE (@100KHz, 0.05Vrms) :
PIN 3-5 = 0.6uH MAX(1-2, 6-7-9-10 SHORT)
5. HI-POT (@3000VDC, 3mA, 1S) : PIN 1 TO 10 (2-3, 6-7-9-10 SHORT)
(@2400VDC, 3mA, 60S) : PIN 1 TO 10 (2-3, 6-7-9-10 SHORT)
(@625VAC, 3mA, 1S) : PIN 1 TO 5
(@500VAC, 3mA, 60S) : PIN 1 TO 5
6. OPERATING TEMPERATURE RANGE : -40°C~+125°C
7. RoHS COMPLIANT