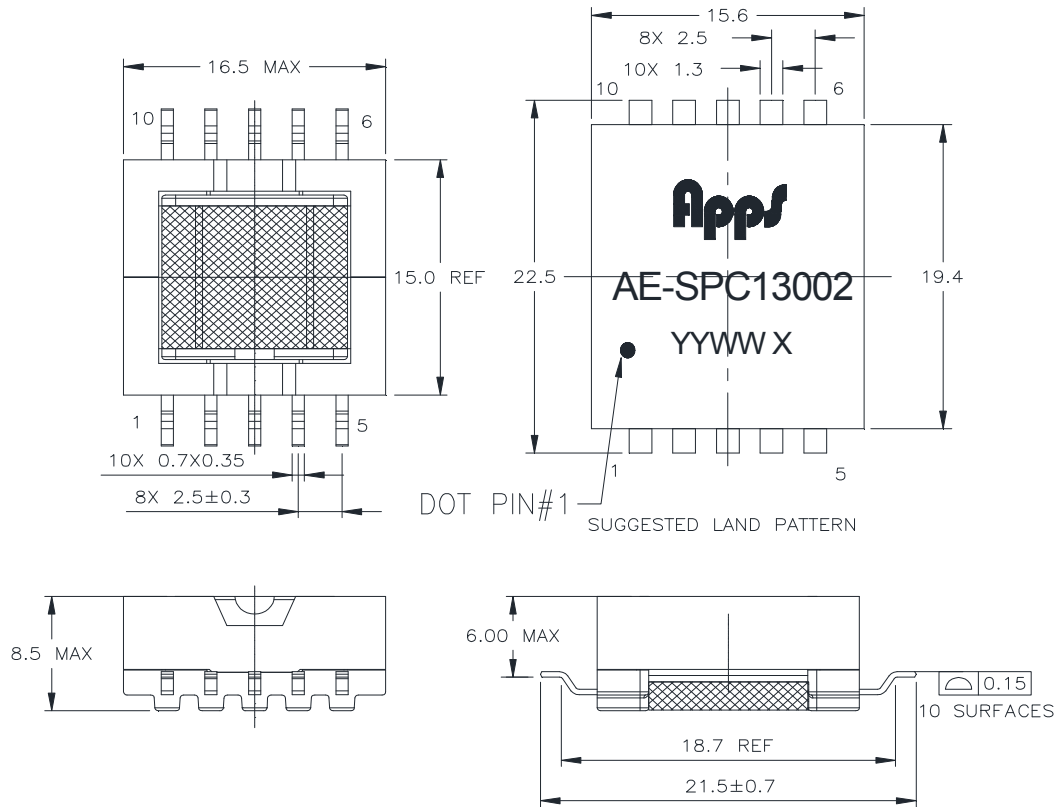


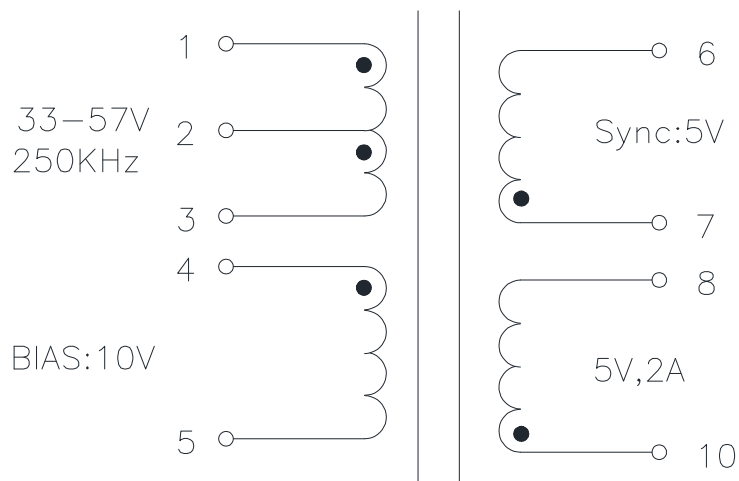
Part Number: AE-SPC13002

SMD POWER TRANSFORMER

Mechanical Dimensions



Schematic



Part Number: AE-SPC13002

SMD POWER TRANSFORMER

Electrical Characteristics @25°C

1. DCR :
PIN 1-3= 400.0mΩ MAX
PIN 4-5= 600.0mΩ MAX
PIN 6-7= 250.0mΩ MAX
PIN 8-10= 30.0mΩ MAX
2. INDUCTANCE (@100KHz, 0.1Vrms) :
PIN 1-3 = 160.0uH ±10%.
3. TURN RATIO (@100KHz, 0.1Vrms) :
PIN 1-3 : 4-5 = 2.25 : 1 ±3%.
PIN 1-3 : 7-6 = 4.50 : 1 ±3%.
PIN 1-3 : 10-8 = 4.50 : 1 ±3%.
4. LEAKAGE INDUCTANCE (@250KHz, 0.1Vrms) :
PIN 1-3= 2.8uH MAX(6-7-8-10 SHORT)
5. HI-POT (@1650VAC, 1mA, 6S) : PIN 1, 4 TO 6, 8
(@500VAC, 1mA, 6S) : PIN 1, 4, 6, 8 TO CORE
(@500VAC, 1mA, 6S) : PIN 1 TO 4
(@500VAC, 1mA, 6S) : PIN 6 TO 8
6. STORAGE TEMPERATURE RANGE : -20°C~+60°C
OPERATING TEMPERATURE RANGE : -40°C~+125°C
7. RoHS COMPLIANT