

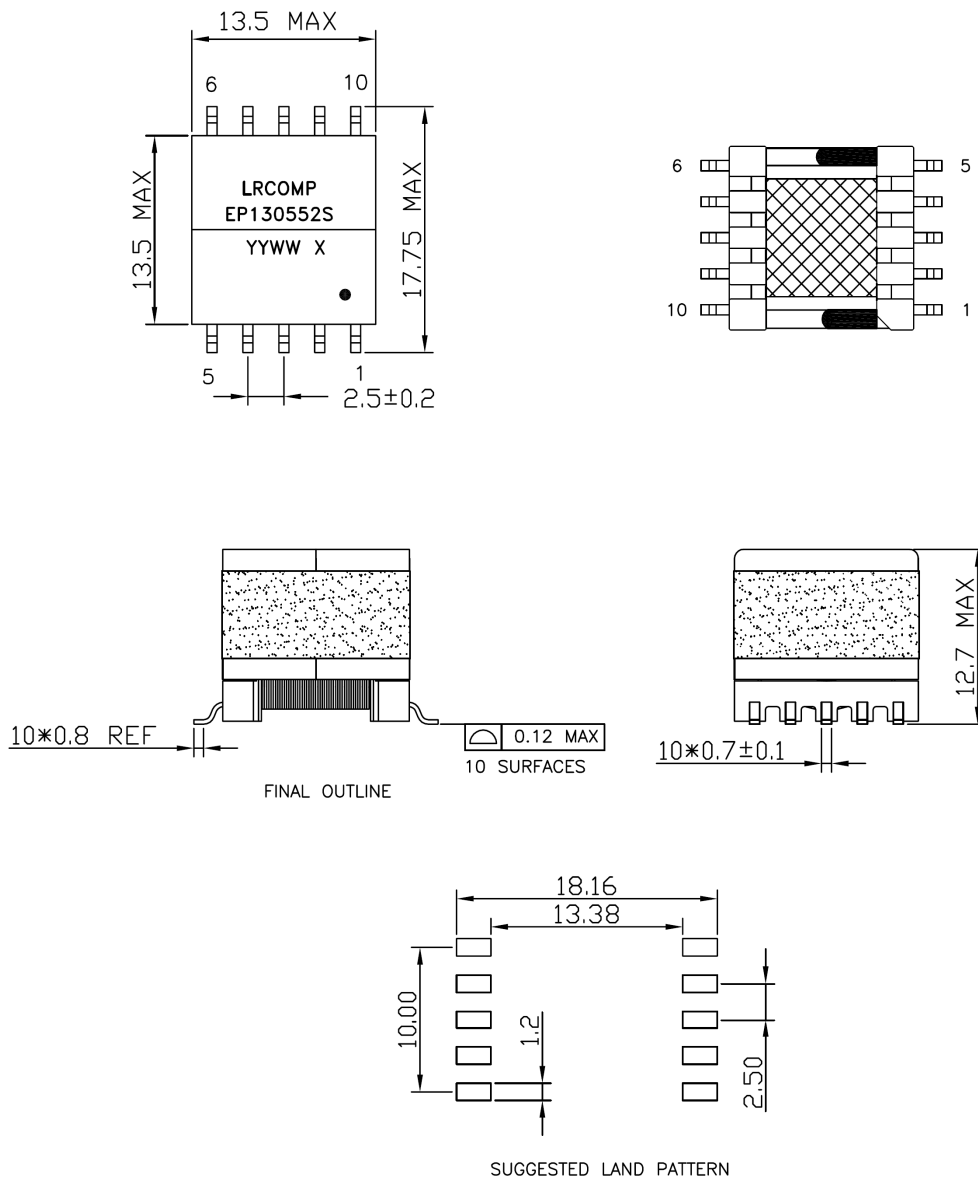
SMD Transformer

Part Number: EP130552S

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- RoHS compliant.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range: -40°C to +85°C

Mechanicals:

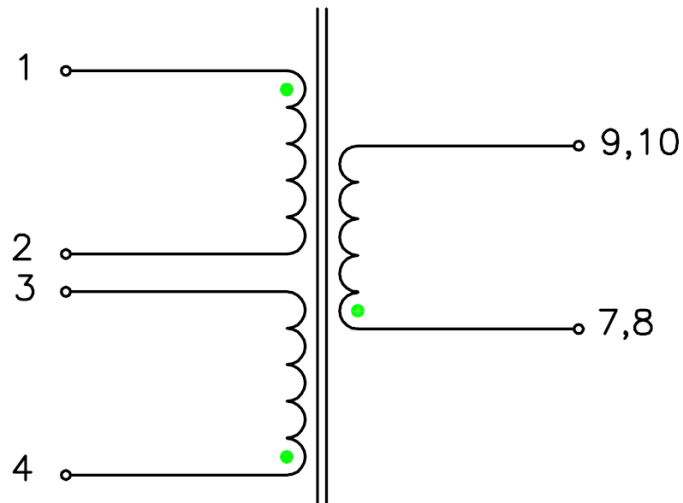


SMD Transformer

Part Number: EP130552S

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Schematics:



Electrical Characteristics @25°C

1. TURNS RATIO AND POLARITY: (100%): 20.0 kHz, 1.0 VRMS
 $(4-3) : (2-1) = 2.000 \pm 2\%$
 $(4-3) : (7-8-9,10) = 2.000 \pm 2\%$
2. HIPOT: (100%) AT 50/60 Hz, 1.0mA MAX, 3SEC
 $(1,2,3,4-7,8,9,10) = 1500 \text{ VAC}$
 $(1,2-3,4) = 500 \text{ VAC}$
 $(1,2,3,4,7,8,9,10-CORE) = 500 \text{ VAC}$
3. OCL: 100.0 kHz, 0.1 VRMS
 $(4-3) = 120.0 \text{ uH} \pm 10\% (100\%)$
4. LEAKAGE INDUCTANCE: (100%) AT 100KHz, 0.1VRMS
 $(4-3) = 1.2 \text{ uH MAX WITH PIN } (1,2,7,8,9,10) \text{ SHORTED}$
5. DCR: (SAMPLE)
 $(1-2) = 300 \text{ mOHMS MAXIMUM}$
 $(3-4) = 160.0 \text{ mOHMS MAXIMUM}$
 $(8-10) = 80.0 \text{ mOHMS MAXIMUM}$
 $(7-9) = 80.0 \text{ mOHMS MAXIMUM}$