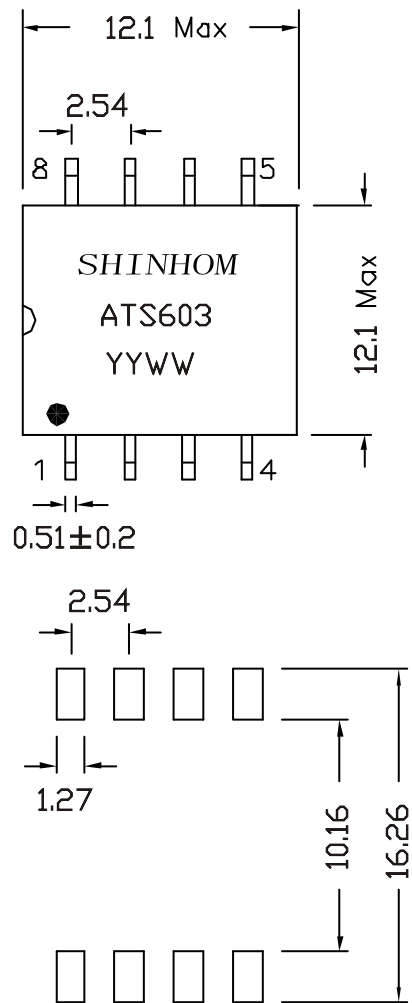


1. PHYSICAL CHARACTERISTICS (mm)

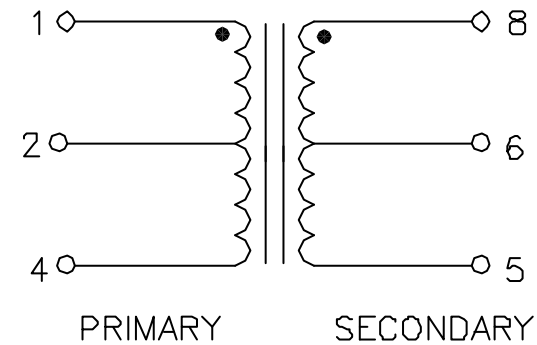


SUGGESTED FOOTPRINT

Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C, UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004^{\circ}$ (0.102mm)
9. Moisture Sensitivity: Level 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

2. ELECTRONICAL SCHEMATIC



3. ELECTRONICAL SPECIFICATIONS

Isolation: 1500Vrms (Pri/Sec)

Turns Ratio: 1CT:1CT $\pm 3\%$

Pri OCL: 2.5mH $\pm 20\%$, 100KHz, 50mV

Leakage Inductance: 0.50uH Maximum, 100KHz, 50mV

ET Constant: 20V/uS

Rise Time: 25nS Maximum

Bandwidth: 3dB Typical 100KHz to 55MHz

Return Loss: 20dB Typical, 300KHz - 10MHz

Test Instrument:

L: HP4284A

RDC: HM2540



SHINHOM

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CUSTOMER P/N:		DATE:	2010-02-22
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