



PT533-1 ADSL Transformers

Features

- Matched to Alcatel Microelectronics MTK-20131 ADSL Chipset
- Excellent Total Harmonic Distortion (THD) Performance
- Exceeds standards for ANSI and ETSI
- Isolation Voltage : up to 2000Vrms
- Designed to meet UL1950 supplementary insulation requirements

ELECTRICAL SPECIFICATIONS AT 25°C OPERATING TEMP -40°C to +85°C

URNS RATIO 1:1:1:1±2%

OCL PRIMARY

1-5 WITH 2-4 SHORTED

440μH±5%

LEAKAGE INDUCTANCE

15μH MAX

INSERTION LOSS @40kHz-2MHz

3dB MAX

DC RESISTANCE (1-4), (2-5)

0.16Ω MAX

DC RESISTANCE (10-7), (9-6)

1.20Ω MAX

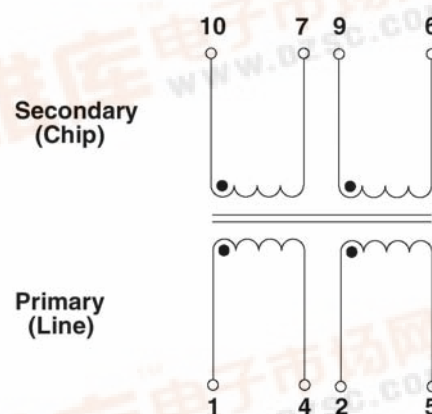
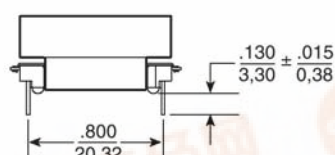
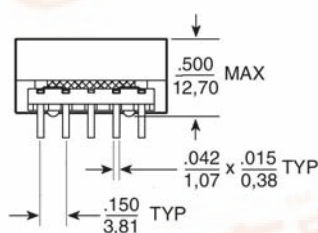
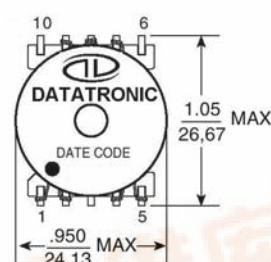
ISOLATION VOLTAGE (MAX)

2000Vrms

THD LINEARITY @40kHz

-70dB TYP

OUTLINE DIMENSIONS



NOTES:

1. Dimensions are shown in inches/millimeters
Unless otherwise specified, tolerance
= Inches: ±0.010
= Millimeters: ±0,25
2. For non-RoHS parts replace PT prefix with 42- (e.g. PT533-1 becomes 42-533-1)
3. Terminal finish is compliant to RoHS requirements.



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