

Features

- Designed to meet ANSI and ETSI requirements
- Designed to meet UL1950 and EN60950 supplementary insulation requirements for operating voltages up to 250 Vrms
- Excellent Total Harmonic Distortion (THD) performance
- Up to 100 mA DC current capability

- Operating temperature -40 °C to +85 °C
- Custom designs for other pinouts and dimensions are available
- Lead free version available (see How to Order)
- Lead free versions are RoHS compliant*

Applications

- Motorola MC03AX1456

PT314 Series EP13 ADSL Line Transformers

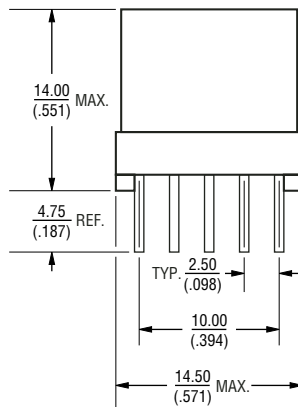
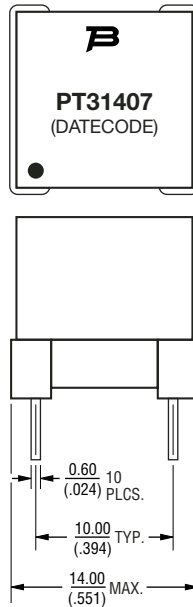
Electrical Specifications

IC ManufacturerMotorola
 ChipsetMC03AX1456
 ApplicationCO & CPE
 Turns Ratio Line: Chip $\pm 3\%$
 PT314071.2 : 1
 PT314081 : 1.8
 Line Side Inductance1.8 mH min.
 Leakage Inductance10 μ H typ.
 Line Side DCR1.26 Ω max.
 Chip Side DCR
 PT314071.2 Ω max.
 PT314088 Ω max.
 THD (dB typ. @ 100 Ω)
-80 dB @ 30 kHz
-60 dB @ 300 kHz
 Insertion Loss (dB typ.)
0.5 dB @ 100 kHz
 Longitudinal Balance (dB typ. @ 100 Ω)
50 dB @ 20 kHz - 100 MHz
 HIPOT1500 Vrms min.

Packaging Specifications

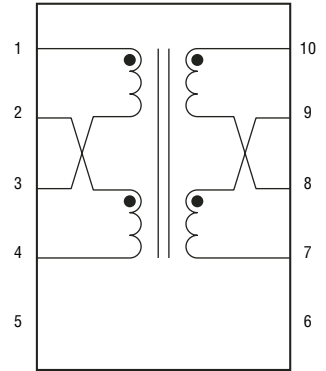
Tray60 pcs./tray

Product Dimensions



DIMENSIONS ARE: $\frac{\text{MM}}{\text{(INCHES)}}$

Electrical Schematic



How to Order

Model PT3140x

Termination _____
 Blank = Tin-lead
 L = Tin only (lead free)