

Features

- Dual surface mount packaging
- HIPOT 500 Vrms
- Operating temperature -40 °C to +85 °C
- RoHS compliant*

Applications

■ Telecom

This model is currently available, but not recommended for new designs.

PT75161EL - T1/E1 Transformer

Electrical Specifications @ 25 °C

Turns Ratio ±3 %
(1-3):(12-11):(11-10)
(4-6):(9-8):(8-7)1:2:2
OCL (1-3) @ 1 kHz, 0.1 Vrms
10 mH min.
OCL (4-6) @ 1 kHz, 0.1 Vrms
10 mH min.
Le (1-3) @ 100 kHz, 0.1 Vrms,
Short (pin 12-10)
Le (4-6) @ 100 kHz, 0.1 Vrms,
Short (pin 9-7)5 μ H max.
Cww (1,3) to (10,11,12)
@ 100 kHz, 1 V 100 pF max.
Cww (4,6) to (7,8,9)
@ 100 kHz, 1 V 100 pF max.
DCR (1-3) (Ω max.)
DCR (4-6) (Ω max.)
HIPOT (VAC)
Return Loss (1-3) @ 5 kHz - 1 MHz,
source (1-3) = 75 ohm,
load (12-10) = 1.2K ohm 18 dB min.
Return Loss (4-6) @ 5 kHz - 300 kHz,
source $(4-6) = 50$ ohm,
load (9-7) = 1.2K ohm 18 dB min.
Return Loss (1-3) @ 5 kHz - 300 kHz,
source (1-3) = 50 ohm,
load (12-10) = 800 ohm 20 dB min.
Return Loss (4-6) @ 5 kHz - 300 kHz,
source (4-6) = 50 ohm,
load (9-7) = 800 ohm 20 dB min.

Packaging Specifications

Tape and Reel300 pcs./reel

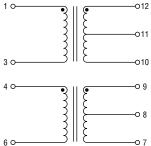
How To Order

Model

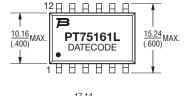
PT75161E L Termination

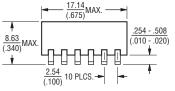
L = Tin only (RoHS Compliant)

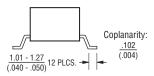
Electrical Schematic



Product Dimensions







MM DIMENSIONS:

TOLERANCES: ±

REV. 01/15



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