


Features

- T3001 Equivalent
- Small size of 7.7 mm
- Operating temperature -40 °C to +85 °C
- RoHS compliant*

 This series is Sd M/R_U not recommended for new designs.

Applications

- Telecom

PT75426L - T3/DS3/E3/STS-1 Transformer

Electrical Specifications @ 25 °C

Turns Ratio $\pm 2\%$	
(1-3):(6-4).....	1:1
OCL (1-3) @ 10 kHz, 0.1 Vrms	100 μH min.
OCL (1-3) @ 40 °C @ 10 kHz, 0.1 Vrms	40 μH min.
Leakage Inductance (1-3)	
@ 100 KHz, 0.01 Vrms, short (6-4)	0.11 μH max.
Cww (Pri. to Sec. Windings)	
@ 100 kHz, 0.1 Vrms.....	10 pF max.
3 dB Bandwidth (1-3):(6-4)	
@ 75 Ω impedance	0.2 to 340 MHz typ.
HIPOT (Pri. to Sec. Windings) (VAC)	1500

Packaging Specifications

Tape and Reel* 800 pcs./reel

**E" suffix before "L" in part number designates tape & reel packaging, e.g. PT75426EL.

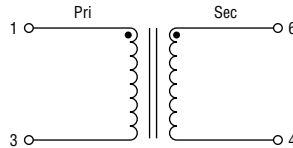
How To Order

Model PT75426E L

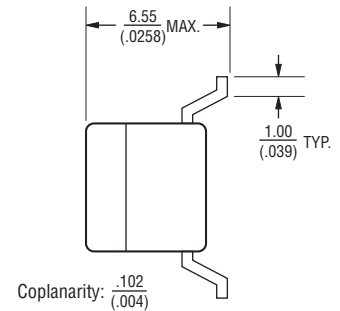
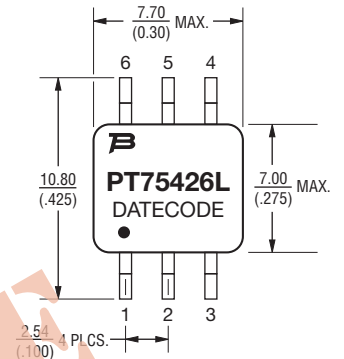
Termination _____

L = Tin only (RoHS Compliant)

Electrical Schematic



Product Dimensions



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

TOLERANCES: $\pm \frac{0.25}{(.010)}$

NOTE: DIMENSIONS ARE EXCLUSIVE OF SOLDER

REV. 05/13

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.