

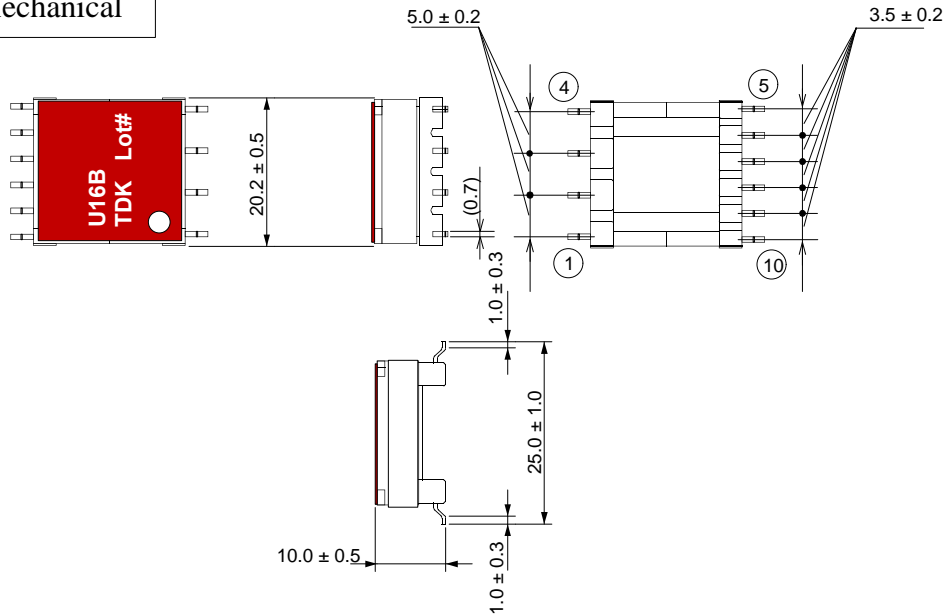
TDK ADSL transformers

STmicroelectronics ST70135A & ST70134 CPE Side

TRTEPC19-U016B 540uH

Corresponding to EN60950 Supplementary Insulation for 250V Working Voltage
and to UL1950 Basic insulation for 120V working voltage.
1.3mm creepage distance , 2.0mm clearance distance

Mechanical



Electrical Specifications @25degreesC

1. Inductance 1-4(tied 2-3) : $540\mu\text{H} \pm 10\%$ at 10KHz , 0.1V
2. Leakage Inductance : $10.0 \mu\text{H}$ max at 100KHz , 0.1V
3. DCR
 - 1-4 (ties2-3) : $1.10 \Omega \pm 15\%$
 - 9-6 (tied8-7) : $610 \text{ m}\Omega \pm 15\%$
 - 10-5 (tied8-7) : $1.10 \Omega \pm 15\%$
4. Dielectric Withstanding : AC1,500Vrms 1minute
5. Total Harmonic Distortion : -65dB min. at 30KHz , 1Vrms

Schematics

