

TITLE  
**TRANSFORMER, ADSL  
 CUSTOMER PREMISE**



1000 PARKERS LAKE ROAD  
 WAYZATA, MN 55391  
 (952) 475-1173

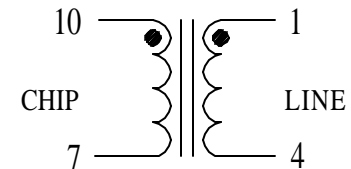
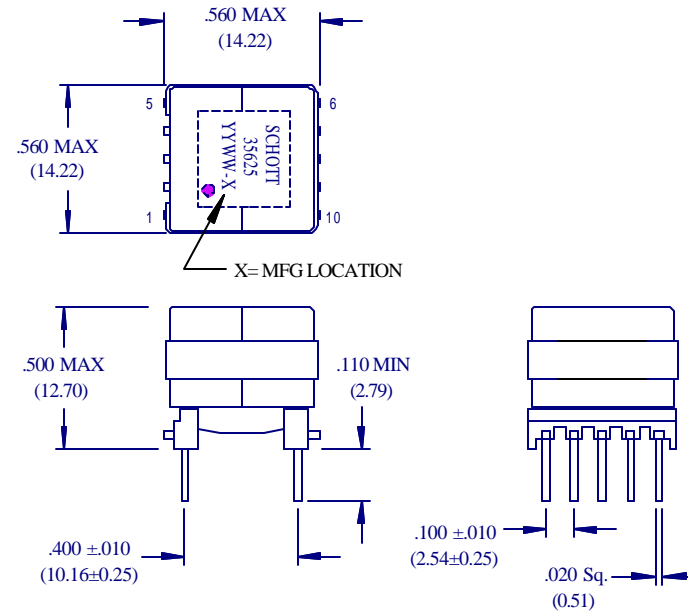
AGENCY APPROVAL:  
**UL E145198**

PART NUMBER  
**35625**  
 REV E PAGE 1 END

**SPECIFICATIONS**

TEMP CLASS 105°C  
 DESIGNED TO MEET UL1950/IEC-950 REQUIREMENTS  
 WORKING VOLTAGE 250 VRMS, SUPPLEMENTARY INSULATION

1. INDUCTANCE @ 0.1 VRMS, 10 kHz  
 1-4 = 1.425 TO 1.575 mH
2. LEAKAGE INDUCTANCE: @ 0.1 VRMS, 100 kHz  
 1-4 W/ 10-7 SHORTED = 18 μH MAX
3. IWC: @ 0.1 VRMS, 100 kHz  
 1-4 TO 10-7 = 35 pF MAX
4. TURNS RATIO: 10-7 : 1-4 = 1 : 1.423 ± 2%
5. DC RESISTANCE: OHMS MAX  
 1-4 = 2.70  
 10-7 = 0.80
6. LONGITUDINAL BALANCE:  
 V1 = 0 dBm @ 100 kHz, Rs = 100 OHMS INPUT  
 Rl = 48.9 OHM LOAD, LINE = 1-4,  
 CHIP = 10-7, V2 = 60 dB MIN
7. DIELECTRIC STRENGTH: 1500 VAC, 1 MINUTE  
 (2500 VDC, 1 SECOND MINIMUM AUTOMATIC TEST  
 2 SECOND MINIMUM MANUAL TEST)  
 1-4 TO 10-7  
 ALL WINDINGS TO CORE
8. HARMONIC DISTORTION:  
 V1 = 15 Vp-p (5.32 VRMS) @ 100 kHz,  
 Rs = 100 OHMS, Rl = 48.9 OHMS  
 LINE = 1-4, CHIP = 10-7  
 V2 = -80 dB MAX



inch  
 (mm)

TOLERANCES UNLESS OTHERWISE NOTED	2 PLACE	3 PLACE	ANGLE
	± .	± .	± °