

TITLE

TRANSFORMER, ADSL
CUSTOMER PREMISE



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

AGENCY APPROVAL
UL CERT # E145198

PART NUMBER

33817

REV J

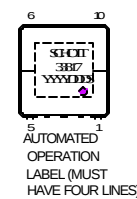
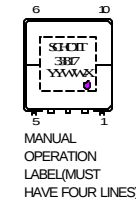
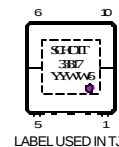
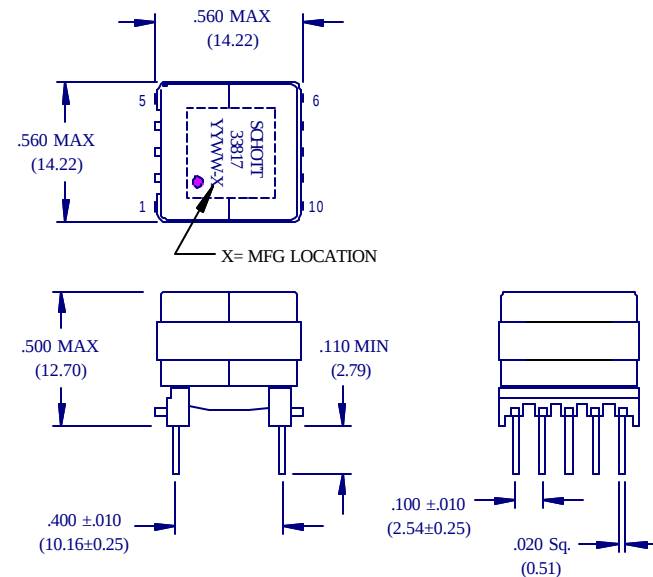
PAGE 1 END

SPECIFICATIONS

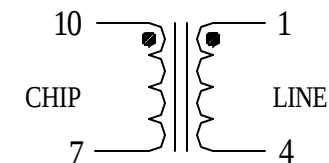
TEMP CLASS 105°C

UL1950 CERTIFICATION: WORKING VOLTAGE 120 VRMS, 200 Vpk,
SUPPLEMENTARY INSULATION

- INDUCTANCE: @ 0.1 Vrms, 10 kHz,
1-4 = 1.425 TO 1.575 mH
- LEAKAGE INDUCTANCE: @ 0.1 Vrms, 100 kHz
1-4 W/ 10-7 SHORTED = 18 µH MAX
- IWC: 1-4 TO 10-7
@ 100 kHz, 0.1Vrms = 35 pF MAX
- URNS RATIO: 10-7 : 1-4 = 1 : 1.423 ± 2%
- DC RESISTANCE: OHMS
1-4 = 4.0 MAX
10-7 = 0.70 MAX
- 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
- 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
- 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



inches
(mm)



TOLERANCES	2 PLACE	3 PLACE	ANGLE
UNLESS OTHERWISE NOTED	+	+	+
	.02	.010	°