SPECIFICATIONS

-Designed to meet UL1950/IEC950 with
supplementary isolation for a working voltage < = 250 VRMS
-OPERATING TEMPERATURE : -40° tO + 85°C
-Designed to meet Telcordia GR 1089, surge 1 of table 4-3
(5.0KV,2x10us) 20 pulses at 10 second intervals with
alternate polarities.

1. INDUCTANCE: 0.1 VRMS, 10 kHz, 0 - 20mADC
1-4 TIE 3 &2 = 3.0 TO 3.4 mH (3.2mH +/- 6%)

2. LEAKAGE INDUCTANCE: 0.1 VRMS, 100 kHz
1-4 TIE 3&2, SHORT (8-6-7-5) =16µH MAX

3. TURNS RATIO: 1-4 (TIE 3&2): 8-5 (TIE 6-7) = 5.46 : 1 : 1 ± 1%

4. INDUCTANCE RATIO: 0.1VRMS,10kHz
1-4 (Tie 3-2) = 5.40 : 1± 1%

5. DC RESISTANCE: OHMS Max
8-5 (Tie 6-7) = 0.52
1-4 (Tie 3-2)=4.0

6. DIELECTRIC STRENGTH: 1500 VRMS, 1Minute
(1800VRMS or 2500 VDC for 1Second)
1&2 To 8&7, 1,2,8&7 to Core
720 VAC, 1Minute, 1-2 (ALT. 1000VDC, 1 Second)

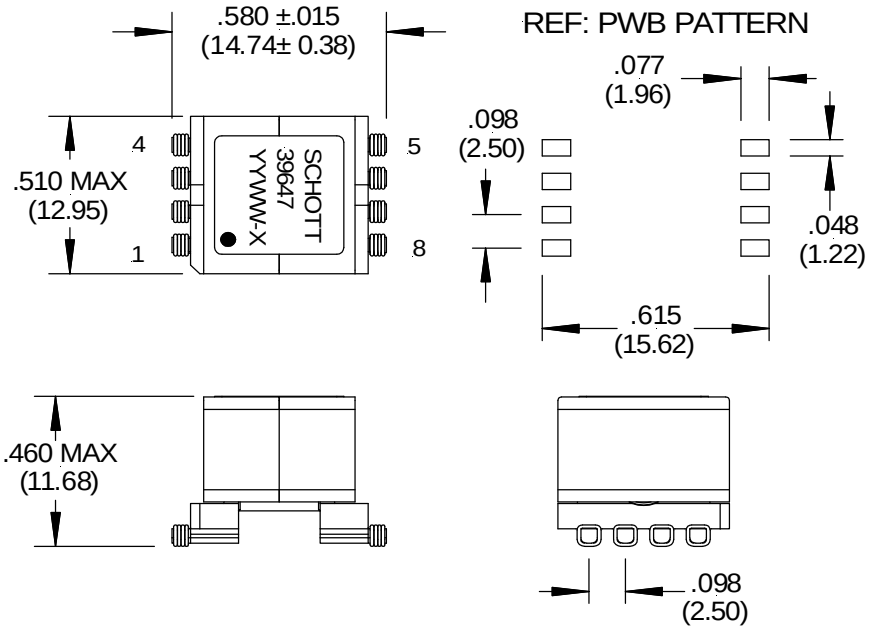
7. LONGITUDINAL BALANCE: 20kHz to 500kHz
V2 = 55dB Min

8. RETURN LOSS: 40kHz to 500kHz
V2 = @ 40kHz = 15dB Min
@500kHz = 14dB Min

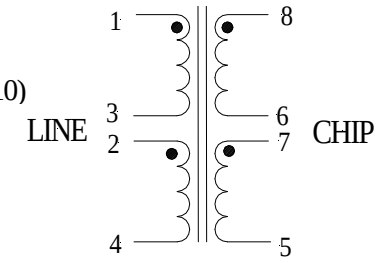
9. INSERTION LOSS:
V2 = @ 100kHz = 0.7dB MAX

10. IWC: : 100 kHz, 0.1 Vrms, (1,3,2,4) to (8,6,7,5) =120pF MAX

11. THD: 5kHz,2.0Vrms & 4Vrms = -76dB MAX



NOTE:
COPLANARITY < .004 (0.10)



TOLERANCES UNLESS OTHERWISE SPECIFIED	INCHES / DECIMAL	.XX = ± .01	.XXX = ±.005	ANGLES ± 1°
	MILLIMETERS (mm)	.XX = ± 0.20		