SPECIFICATIONS

Designed to meet UL1950/EN60950 with supplementary insulation for a working voltage of 250V.
TEMP CLASS: 155° C, FLAMABILITY: UL94V-0
OPERATING TEMPERATURE RANGE -40°C TO +85°C

1. INDUCTANCE: @ 0.1 Vrms, 10 kHz
   1-3-2-4 = 447 TO 502 µH (474 µH ±6%)

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

3. IWC: @ 100 kHz, 0.1 Vrms
   1-4 TO 8-6(tie 3&2, 5&7) = 50 pF MAX

4. TURNS RATIO: 1-3 : 2-4 : 8-5 : 7-6 = 1.15 : 1.15 : 1 : 1 ± 1%

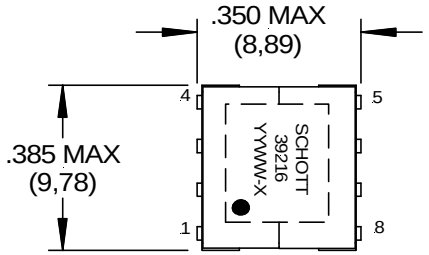
5. DC RESISTANCE: OHMS MAX
   1-4 (TIE3&2) = 2.0
   8-6 (TIE5&7) = 2.2

6. HIPOT: 1500 Vrms, 1 MINUTE
   (1800 Vrms OR 2500 VDC FOR 1 SECOND)
   1&2 TO 8&7

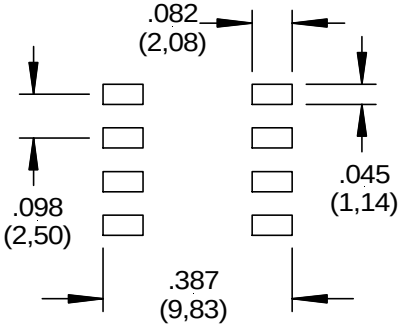
7. LONGITUDINAL BALANCE: V1 = 0 dBM @ 20 kHz & 1.1 MHz
   V2 = 45 dB MIN

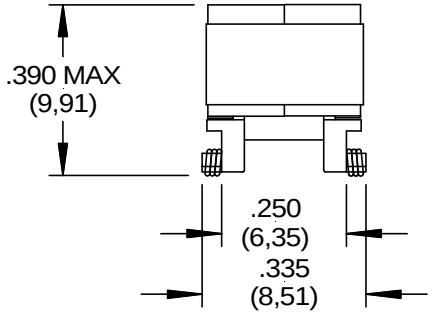
8. HARMONIC DISTORTION: V1= 4.24Vrms, 150kHz
   @150kHz, V2 = -85dB

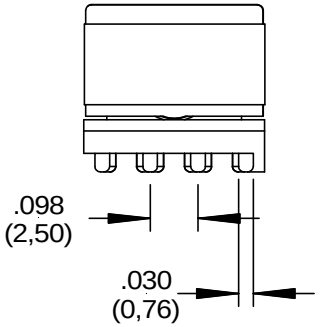
9.INSERTION LOSS: 150kHz,300kHz,1.0MHz
   V2 = @150 to 300kHz = 0.5dB Max
   V2 = @ 1.0MHz = 1.0dB Max



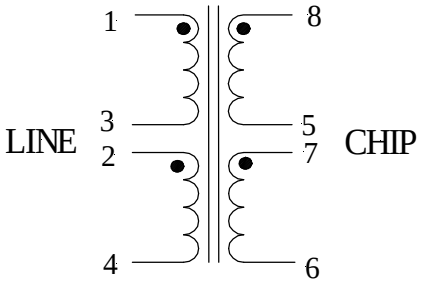
REF: PWB PATTERN







NOTE:
COPLANARITY ≤ .004 (0.10)



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