



TITLE

INTERNAL RINGING FILTER

PN

39812

REV

1

AGENCY APPROVAL: N/A

SH

2

OF

8

**SPECIFICATIONS:**

-Designed to meet EN60950 for a working voltage of 250 Vrms  
 -Operating temperature: -40°C TO +85°C

1. INDUCTANCE: 0.1 VRMS, 10 kHz ,  
 @ 0 to 100mAdc  
 1-8 tie 5-4 = 6.1mH to 7.5mH (6.8mH± 10%)

2. LEAKAGE INDUCTANCE: 0.1 VRMS, 100 kHz  
 1-4 SHORT( 5-8) = 300µH Max

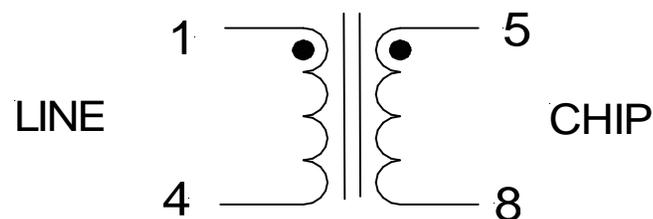
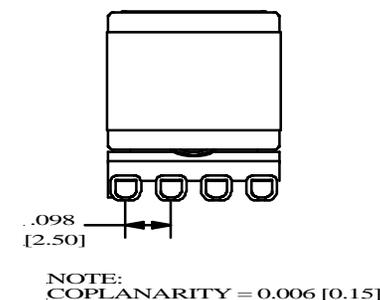
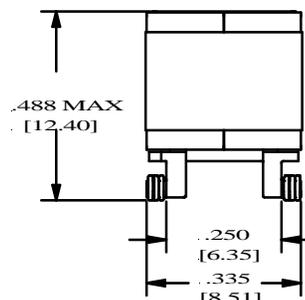
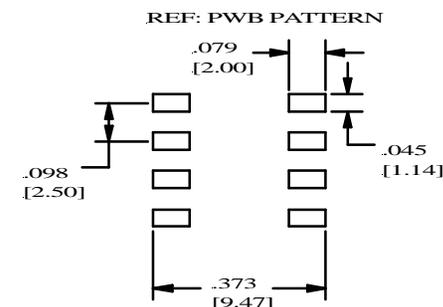
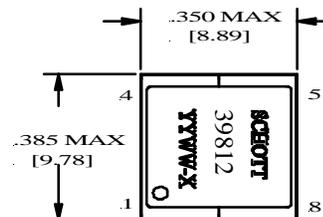
3. TURNS RATIO: 1 -4 : 5-8 = 1 : 1

4. DC RESISTANCE: OHMS MAX  
 1-4 = 5.5 Max  
 5-8 = 5.5 Max  
 Matching better than 10%

5. DIELECTRIC STRENGTH:  
 1500 VAC, 1 Minute  
 (ALT. 2500VDC,1 Second,1800 VAC 1 Second)  
 Primary to Secondary - Safety Critical

6. IWC : 0.1VRMS,100kHz  
 1-4 to 5-8 = 18pF Max

7. THD: 30kHz & 300kHz, 1.0VRMS  
 @ 30kHz = -80dB Max  
 @ 200kHz = -75dB Max



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