

TITLE

TRANSFORMER, ADSL
C0

SCHOTT

CORPORATION

1000 PARKERS LAKE ROAD
WAYZATA, MN 55391

AGENCY APPROVAL:
BABT PENDING

PART NUMBER

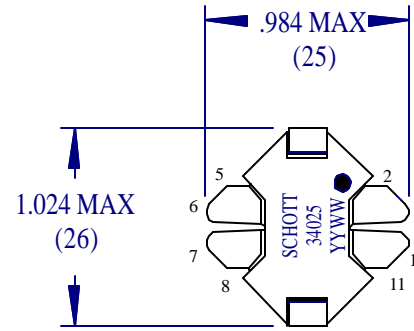
34025

REV 3

PAGE 1 END

SPECIFICATIONS

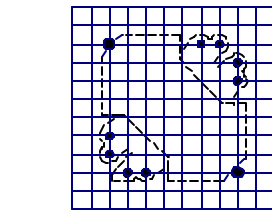
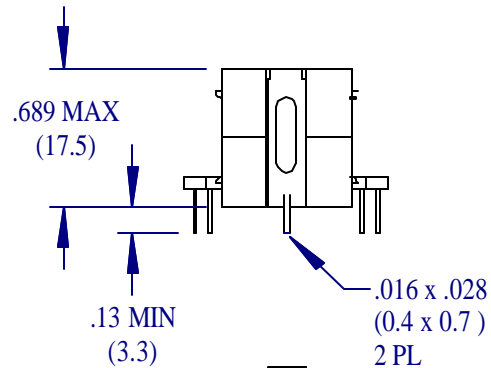
1. INDUCTANCE: @ 0.1Vrms, 10 kHz
6-8 tie 5&7 = 97.3 to 107.5 μH
2-12 tie 11&1 = 389 TO 430 μH
2. LEAKAGE INDUCTANCE: @ 0.1Vrms, 300 kHz
6-8 tie 5&7, 1&12, 2&11 = 5.0 μH MAX
2-12 tie 1&11, 6&7, 5&8 = 4.0 μH MAX
3. IWC: @ 0.1Vrms, 100 kHz
2-12 tie 1&11, 5&7 = 90 pF MAX
4. TURNS RATIO: (6-7-5-8) : (12-1-11-2) = 1 : 2 ± 2%
(2-11) : (1-12) = 1 : 1 ± 1%
(8-5) : (7-6) = 1 : 1 ± 1%
5. DC RESISTANCE: OHMS
(2-11) = (1-12) = 0.58 MAX
(8-5) = (7-6) = 0.32 MAX
6. SRF: (12-1-11-2) = 4 MHz MIN
7. LONGITUDINAL BALANCE:
@ 100 kHz, 100 OHM INPUT
(12-1-11-2) = 60 dB MIN
8. HARMONIC DISTORTION: @ 100 kHz, 15 Vp-p,
100 OHM INPUT, (12-1-11-2) = -80 dB MAX
9. DIELECTRIC STRENGTH:
2000 Vrms 60 seconds, 2&1 TO 8&7
or 2400 Vrms 1 second 2&1 to 8&7
500 Vrms, 2 seconds 1 to 2, 8 to 7
1800 Vrms, 1 second ALL WINDINGS TO CORE



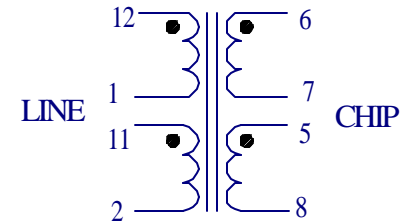
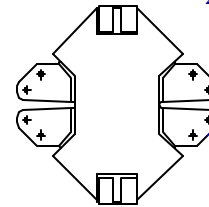
inches
(mm)

PINS: Ø .024
(0.60)

REF: PWB LAYOUT
MOUNTING SIDE



.100 (2.54) Sq



TOLERANCES UNLESS OTHERWISE NOTED	2 PLACE	3 PLACE	ANGLE
	+ -	+ -	+ °