


C1658			
Product Description	Approved for use with Conexant ADSL Chip Set Meets requirements of IEC950 for supplementary insulation, 250V working voltage		
<div><div><div><div><div>EIA date code and lot code</div><div>0.700 MAX [17.78 MAX]</div><div>Customer Terminal #1 Indicator</div><div>0.530 MAX [13.46 MAX]</div><div>COEV C1658 XXXXX</div></div><div><div>[15.40±0.15] .606±.006</div><div>[0.70] .028</div><div>[17±0.15] .669±.006</div><div>[2.50] .098</div></div><div>Terminal Dimensions Customer to determine PCB pad dimensions.</div></div><div><div><div>A</div><div>Coplanar with surface A +0.006"/-0.000"</div><div>0.480 MAX [12.19 MAX]</div></div><div><div>( 5 ) 1</div><div>( 4 ) 2</div><div>( 3 ) 3</div><div>( 2 ) 4</div><div>( 1 ) 5</div><div>SEC (IC SIDE)</div></div><div><div>6 ( 10 )</div><div>9 ( 7 )</div><div>7 ( 9 )</div><div>10 ( 6 )</div><div>PRI LINE SIDE</div></div></div></div></div>			
		Primary units are in inches. Millimeters are in brackets.	
Electrical Specifications at +20°C unless noted otherwise			
Test Description	Limit	Units	Tol Notes
Inductance	800	μH	± 5% 6-10 tie( 7+9 ), 10kHz, 100mVAC, Ls.
Leakage Inductance	10	μH	Max. 6-10 tie( 7+9, 2+4, 5+1 ), 100kHz, 100mVAC, Ls.
DC Resistance	0.50	Ω	Max. 6-9
DC Resistance	0.50	Ω	Max. 7-10
DC Resistance	0.20	Ω	Max. 5-2
DC Resistance	0.20	Ω	Max. 4-1
Turns Ratio	1 : 3.3	---	± 1% ( 5-1 ) : ( 6-10 ), 10kHz, 100mVAC.
Dielectric	1875	VAC	500μA LINE SIDE : IC SIDE, 1 second test, 500μA maximum leakage current.
Total Harmonic Distortion	-87	dB	Max. 30kHz, 2.5Vrms [ 7.07 Vp-p ], Line : IC
Longitudinal Balance (ITU)	50	dB	Min. 30kHz - 1.1MHz.
Agency Approvals			
BABT	Certificate No. 610379	Japan (via CB Cert.)	Certificate No, GB497W
UL1950	File E189690	Austel (via CB Cert.)	Certificate No, GB497W
CSA 950 (via UL/CUL)	File E189690	Sweden (via CB Cert.)	Certificate No, GB497W
IEC950 (via CB Cert.)	Certificate No, GB497W	Norway (via CB Cert.)	Certificate No, GB497W
<div><div><div><div><div>Designed to reflect 100 ohms on the Line with 9.2 ohms on the IC side.</div><div>Information contained in this drawing is the sole property of CoEv, Inc. Any reproduction or use without the written permission of CoEv, Inc. is prohibited.</div><div>TEL 888-978-2638 - FAX 605-886-8995 - www.coev.net</div></div></div><div><div>BABT</div><div>www.dzsc.com</div></div></div></div>			