Features
■ Subminiature in SMT
■ 7.5 mm seated height
■ Distortion of only 0.015%
■ Vacuum encapsulated
■ UL60950 certified
■ RoHS compliant*

Applications
■ Modems (V32)
■ Laptop Computers
■ Telecommunications
■ Instrumentation

Electrical Specifications
Nominal Impedance .................. 600 Ω
Turns Ratio .................. 1:1
Insertion Loss ........................ 2.0 dB max. at 2 kHz
Frequency Response .................. ±0.25 dB max. 200-4 kHz
Return Loss .................. 24 dB min. 200-4 kHz
Distortion .................. 80 dB min.
Dielectric Strength .................. 2000 V RMS for 1 min.
Insulation Resistance .................. 100 MΩ @ 500 V
DC Resistance** .................. Primary: 115 Ω ± 15%
 .................. Secondary: 115 Ω ± 15%
Shunt Inductance .................. 3.8 H min.
Shunt Loss .................. 7500 Ω min.
Leakage Inductance .................. 6 mH typ. @ 1 kHz
Power Level .................. 10 dBm
Operating Temperature .................. -20 °C to +85 °C
Storage Temperature .................. -40 °C to +85 °C

Product Dimensions

Materials
Terminal Plating .................. Sn/Ag/Cu

*Suggested PCB Layout

How To Order
SM-LP-5001

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.