

WIDE BAND CHOKE SERIES WB

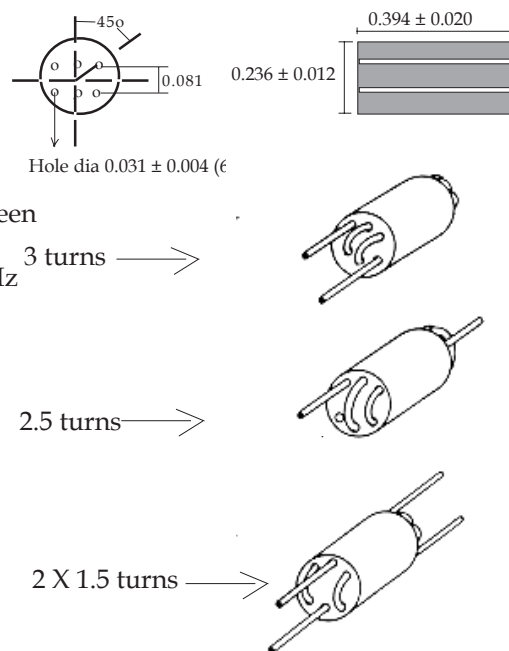
FEATURES

- Inexpensive for broad use
- These wide band chokes can be customized into single or multi-turn windings
- For the most demanding EMI filtering, the 3 turns winding can provide lossy impedance close to 1000 ohms
- Since the high frequency performance of wound magnetics is compromised by the inter-winding capacitance that exists between multiple conductor turns, the 6 hole bead with one or two turns provides improved performance for applications above 100 MHz
- With 2 windings of 1.5 turns, the 6 hole bead provides a typical common mode choke. With equal and opposite current flowing through the bead, zero net bias is established and maximum impedance is realized from the bead

PHYSICAL CHARACTERISTICS

- Wire specifications 24 AWG tinned copper wire
- Packaging 1000 pieces per plastic bag

DIMENSIONS IN INCHES



SPECIFICATIONS

Part Number	Number of Turns	Z @ 100 MHz (Ω)	Winding configuration	Lead length (max)
WB2-1.0T	1 turn	200	Radial lead	0.50"
WB2-1.5T	1.5 turns	470	Axial lead	1.50"
WB2-2.0T	2 turns	600	Radial lead	0.50"
WB2-2.5T	2.5 turns	725	Axial lead	1.50"
WB2-2X1.5T	1.5 turns with 2 windings	450	Axial lead	1.50"
WB2-3.0T	3 turns	750	Radial lead	0.50"
WB4-1.0T	1 turn	150	Radial lead	0.50"
WB4-1.5T	1.5 turns	400	Axial lead	1.50"
WB4-2.0T	2 turns	525	Radial lead	0.50"
WB4-2.5T	2.5 turns	650	Axial lead	1.50"
WB4-2X1.5T	1.5 turns with 2 windings	450	Axial lead	1.50"
WB4-3.0T	3 turns	690	Radial lead	0.50"