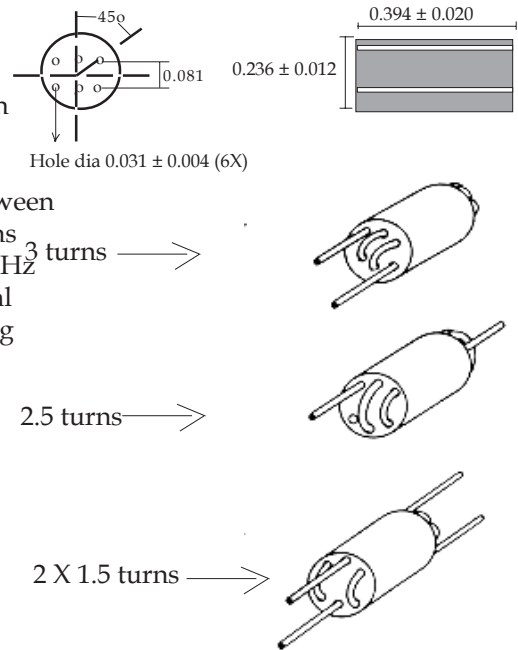


**WIDE BAND CHOKE
SERIES WB**

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

DIMENSIONS IN INCHES



PHYSICAL CHARACTERISTICS

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

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"