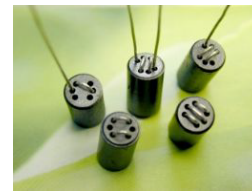


# WIDE BAND CHOKE

AWBC-03



RoHS/RoHS II Compliant



## FEATURES:

- EMI suppression component with compact size, high impedance and medium current
- Widely used in PC products to filter EMI from the outside
- CE, FCC Compliant

## APPLICATIONS:

- Computer products, motherboard, TV card
- Power supply cables, OA products, modem
- Communication equipments

## ELECTRICAL SPECIFICATIONS:

Impedance:

320  $\Omega$  @10MHz

780  $\Omega$  @50MHz

580  $\Omega$  @100MHz

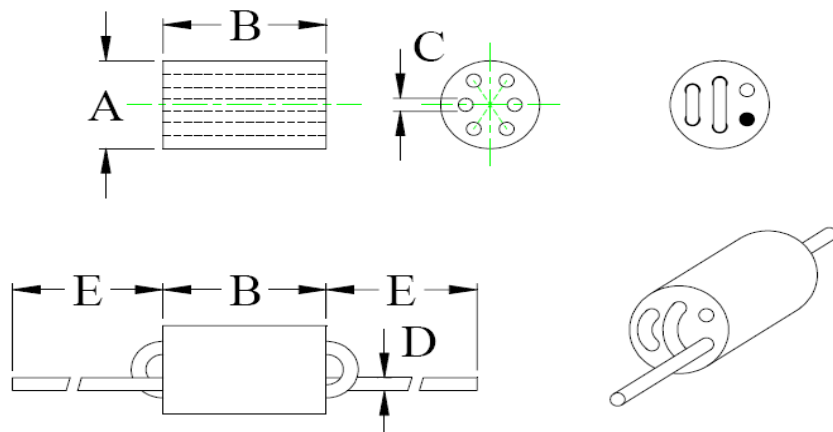
Test instrument: Agilent 4294A Precision Impedance Analyzer

Turns: **2.5 turns**

MEAS. ITEM	Z1 ( $\Omega$ )	Z2 ( $\Omega$ )	Z3 ( $\Omega$ )
TEST	10 MHz	50 MHz	100 MHz
FREQ.			
SPEC	320	680	580
TOL+			
TOL-	Min	Min	Min
1	443.26	867.57	687.74
2	417.58	842.89	701.62
3	458.63	893.24	685.74
4	419.87	835.33	674.71
5	437.57	844.13	695.03
6	412.24	841.5	683.96
7	423.08	853.81	686.45
8	434.38	862.76	694.53
9	443.31	864.76	690.21
10	431.25	857.07	685.74
X	432.12	856.31	688.57

## OUTLINE DIMENSIONS:

Packing: Bulk (250pcs/bag)



	A	B	C	D	E
Dimension	6	10	0.9	0.5	25
Tolerance	$\pm 0.25$	$\pm 0.3$	$\pm 0.15$	$\pm 0.05$	$\pm 2$

Dimensions:mm

**ATTENTION:** Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.

ABRACON IS  
ISO 9001:2008  
CERTIFIED



Visit [www.abracon.com](http://www.abracon.com) for Terms & Conditions of Sale  
30332 Esperanza, Rancho Santa Margarita, California 92688  
tel 949-546-8000 | fax 949-546-8001 | [www.abracon.com](http://www.abracon.com)

Revised: 06.03.13