

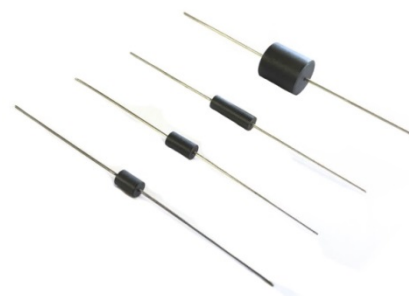


AB035 Series



1. Features of AB035 Series:

- Impedance range: 47.0 Ω to 87.80 Ω @25 Mhz and 75.0 Ω to 162.0 Ω @100 Mhz, custom values are welcomed.
- Slim profile 3.70 mm max. $\varnothing$ x 9.30 mm max length.
- Operating temperature range of -55° C to +130° C.
- RoHS & HF compliant.
- Military Standard Inspection (MIL-STD-105E AQL0.65)
- T & R Qty's: 5,000pcs, 13" Reel (2,000pcs for AB035045B).

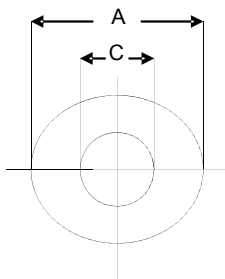


2. Electrical Characteristics of AB035 Series:

ITG Part Number	Impedance Ohm (Ω) 25.0 Mhz	Impedance Ohm (Ω) 100.0 Mhz	Dim. D Typical mm	Tape Figure and Dimension (Page 2)
AB035045-23	54.00	87.10	4.50 $\pm$ 0.30	1
AB035045-33	47.00	75.00	4.50 $\pm$ 0.30	1
AB035045B-33	85.00	125.00	4.50 $\pm$ 0.30	2
AB035060-23	64.00	97.00	6.00 $\pm$ 0.30	1
AB035060-33	61.00	92.00	6.00 $\pm$ 0.30	1
AB035075-23	81.40	122.00	7.50 $\pm$ 0.30	1
AB035075-33	76.00	115.00	7.50 $\pm$ 0.30	1
AB035083-23	87.80	134.60	8.30 $\pm$ 0.30	1
AB035090-33	90.00	162.00	9.00 $\pm$ 0.30	1

3. Mechanical Dimension of the body of AB035 Series (unit:mm):

A Typ. ($\varnothing$)	C Typ.	D See Table Dim. D
3.50 $\pm$ 0.20	0.80 $\pm$ 0.15	



Notes:

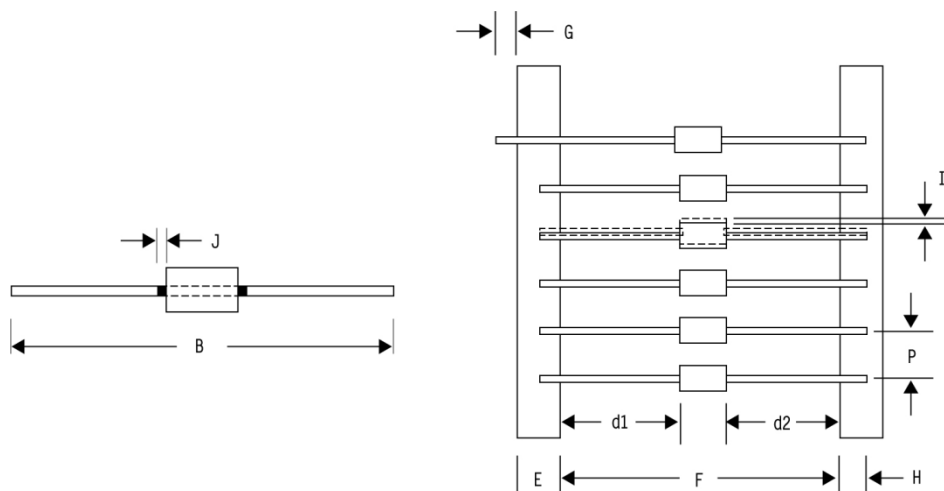
1. Test condition: 25.0 MHz ~ 100.0 Mhz.
2. Test coil spec: T.C0.62 Φ 25m/m XITS
3. Test equipment: HP-4291A
4. AB035090-33 was not tested at 25.0 Mhz

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**Due to continuous product improvement, all specifications are subject to change without prior notice. Kindly contact an ITG field application engineer or a sales representative prior to purchase.*

Tape Figure 1:

B Typ.	E Typ.	F Typ.	H Min.	G Max.	P Typ.	J Max.	d1-d2 Max.
63.00±0.20	6.00±1.00	52.00±1.50	3.20	0.80	5.00±0.50	0.80	1.00



Tape Figure 2:

D Typ.	d Typ.	F Typ.	H Max.	H0 Max.	H1 Typ.	P0=P1 Typ.	W Typ.	WO Typ.
4.00 ± 0.50	0.62 ± 0.50	5.00 ± 0.80	9.50	32.50	18.50 ± 1.00	12.70 ± 1.00	18.00 ± 1.00	12.50 ± 1.00

