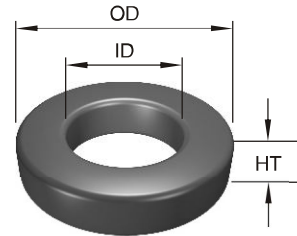


## AMORPHOUS POWDER CORE SERIES PRODUCTS

# APT 33PXX



### Core Dimensions

Cross Section	OD (max)	ID (min)	HT (max)
Bare Core(mm)	33.02	19.94	10.67
Coating Core(epoxy)	33.83	19.30	11.61

### Magnetic Dimensions

Cross Section (A)	Path Length (L)	Window Area (Wa)	Volume (V)
0.672cm <sup>2</sup>	8.15cm	2.93cm <sup>2</sup>	5.4768cm <sup>3</sup>

### Available Cores

Part No.	A <sub>i</sub> (nH/N <sup>2</sup> )	Perm. (μ)
APT17P26	28	26
APT17P60	61	60
APT17P75	76	75
APT13P90	91	90

### Winding Information

AWG No.	Wire Dia(cm)	Single Turns	Larger Rdc, Ω	AWG No.	Wire Dia(cm)	Single Turns	Larger Rdc, Ω
12	0.2130	23	0.00517	21	0.0785	66	0.1050
13	0.1900	26	0.00722	22	0.0701	74	0.1480
14	0.1710	29	0.01000	23	0.0632	82	0.2060
15	0.1530	32	0.01400	24	0.0566	92	0.2890
16	0.1370	37	0.01970	25	0.0505	103	0.4060
17	0.1220	41	0.02740	26	0.0452	115	0.5720
18	0.1090	46	0.03840	27	0.0409	128	0.7940
19	0.0980	52	0.05380	28	0.0366	143	1.1200
20	0.0879	58	0.07500	29	0.0330	159	1.5400

A<sub>i</sub> vs NI Curve

