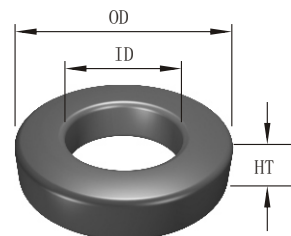


## AMORPHOUS POWDER CORE SERIES PRODUCTS

# APT 40PXX



### Core Dimensions

Cross Section	OD (max)	ID (min)	HT (max)
Bare Core(mm)	39.88	24.13	14.48
Coating Core(epoxy)	40.70	23.30	15.37

### Magnetic Dimensions

Cross Section (A)	Path Length (L)	Window Area (Wa)	Volume (V)
1.072cm <sup>2</sup>	9.84cm	4.27cm <sup>2</sup>	10.5485cm <sup>3</sup>

### Available Cores

Part No.	A <sub>L</sub> (nH/N <sup>2</sup> )	Perm. (μ)
APT40P26	35	26
APT40P60	81	60
APT40P75	101	75
APT40P90	121	90

### Winding Information

AWG No.	Wire Dia(cm)	Single Turns	Larger Rdc, Ω	AWG No.	Wire Dia(cm)	Single Turns	Larger Rdc, Ω
10	0.2670	22	0.00389	19	0.0785	64	0.0804
11	0.2380	25	0.00545	20	0.0701	71	0.1120
12	0.2130	28	0.00762	21	0.0632	80	0.1580
13	0.1900	31	0.01070	22	0.0566	90	0.2230
14	0.1710	35	0.01480	23	0.0505	100	0.3090
15	0.1530	40	0.02080	24	0.0452	122	0.4350
16	0.1370	45	0.02920	25	0.0409	125	0.6110
17	0.1220	50	0.04080	26	0.0366	140	0.8620
18	0.1090	57	0.05740	27	0.0330	155	1.2000

### A<sub>L</sub> vs NI Curve

