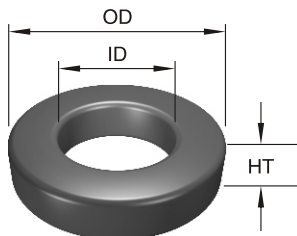
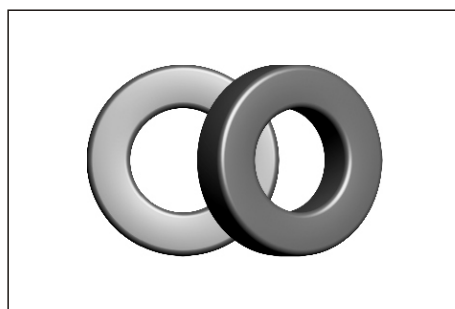


## AMORPHOUS POWDER CORE SERIES PRODUCTS

# APT 18PXX



### Core Dimensions

Cross Section	OD (max)	ID (min)	HT (max)
Bare Core(mm)	17.27	9.65	6.35
Coating Core(epoxy)	18.03	9.02	7.11

### Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm. ( $\mu$ )
APT18P26	19	26
APT18P60	43	60
APT18P75	53	75
APT18P90	64	90

### Magnetic Dimensions

Cross Section (A)	Path Length (L)	Window Area (Wa)	Volume (V)
0.232cm <sup>2</sup>	4.14cm	0.638cm <sup>2</sup>	0.9605cm <sup>3</sup>

### Winding Information

AWG No.	Wire Dia(cm)	Single Turns	Larger Rdc, $\Omega$	AWG No.	Wire Dia(cm)	Single Turns	Larger Rdc, $\Omega$
12	0.2130	9	0.00161	21	0.0785	29	0.0319
13	0.1900	10	0.00225	22	0.0701	33	0.0449
14	0.1710	12	0.00311	23	0.0632	37	0.0621
15	0.1530	14	0.00434	24	0.0566	41	0.0869
16	0.1370	16	0.00606	25	0.0505	47	0.1220
17	0.1220	18	0.00843	26	0.0452	52	0.1710
18	0.1090	20	0.01180	27	0.0409	58	0.2370
19	0.0980	23	0.01640	28	0.0366	65	0.3340
20	0.0879	26	0.02280	29	0.0330	73	0.4580

$A_L$  vs NI Curve

