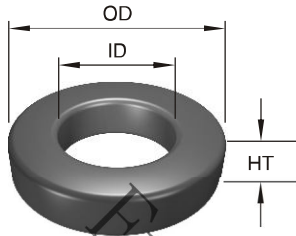
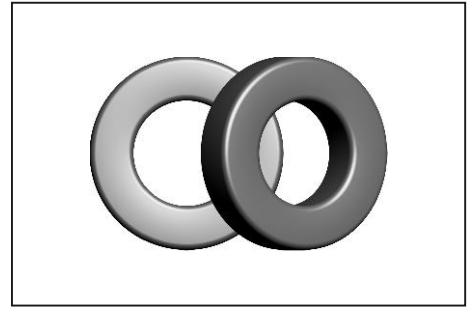


# AMORPHOUS POWDER CORE SERIES PRODUCTS

## APT 36PXX



### Core Dimensions

Cross Section	OD (max)	ID (min)	HT (max)
Bare Core(mm)	35.81	22.35	10.46
Coating Core(epoxy)	36.70	21.50	11.28

### Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm. ( $\mu$ )
APT36P26	24	26
APT36P60	56	60
APT36P75	70	75
APT36P90	84	90

### Magnetic Dimensions

Cross Section (A)	Path Length (L)	Window Area (Wa)	Volume (V)
0.678cm <sup>2</sup>	8.98cm	3064cm <sup>2</sup>	6.0884cm <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	25	0.00579	21	0.0785	74	0.1170
13	0.1900	29	0.00809	22	0.0701	82	0.1660
14	0.1710	32	0.01120	23	0.0632	92	0.2290
15	0.1530	37	0.01570	24	0.0566	103	0.3220
16	0.1370	41	0.02200	25	0.0505	115	0.4520
17	0.1220	46	0.03060	26	0.0452	129	0.6370
18	0.1090	52	0.04290	27	0.0409	143	0.8850
19	0.0980	58	0.06000	28	0.0366	160	1.2500
20	0.0879	65	0.08370	29	0.0330	177	1.7100

$A_L$  vs NI Curve

