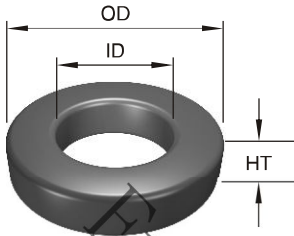
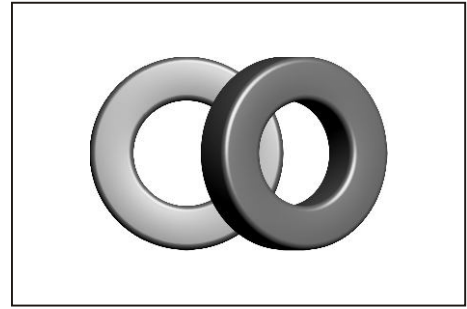


# AMORPHOUS POWDER CORE SERIES PRODUCTS

## APT 46PXX



### Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm. ( $\mu$ )
APT46P26	59	26
APT46P60	135	60
APT46P75	169	75
APT46P90	202	90

### Core Dimensions

Cross Section	OD (max)	ID (min)	HT (max)
Bare Core(mm)	46.74	24.13	18.03
Coating Core(epoxy)	47.60	23.30	18.92

### Magnetic Dimensions

Cross Section (A)	Path Length (L)	Window Area (Wa)	Volume (V)
1.990cm <sup>2</sup>	10.74cm	4.27cm <sup>2</sup>	21.373cm <sup>3</sup>

### Winding Information

AWG No.	Wire Dia(cm)	Single Turns	Larger Rdc, $\Omega$	AWG No.	Wire Dia(cm)	Single Turns	Larger Rdc, $\Omega$
10	0.2670	22	0.0488	19	0.0785	64	0.1040
11	0.2380	25	0.0688	20	0.0701	71	0.1460
12	0.2130	28	0.0966	21	0.0632	80	0.2050
13	0.1900	31	0.0136	22	0.0566	90	0.2900
14	0.1710	35	0.0189	23	0.0505	100	0.1030
15	0.1530	40	0.0267	24	0.0452	112	0.5670
16	0.1370	45	0.0375	25	0.0409	125	0.7980
17	0.1220	50	0.0526	26	0.0366	140	1.1300
18	0.1090	57	0.0740	27	0.0330	155	1.5700

$A_L$  vs NI Curve

