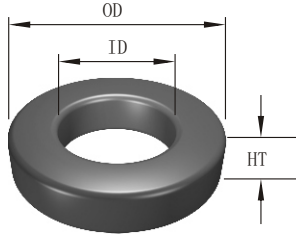
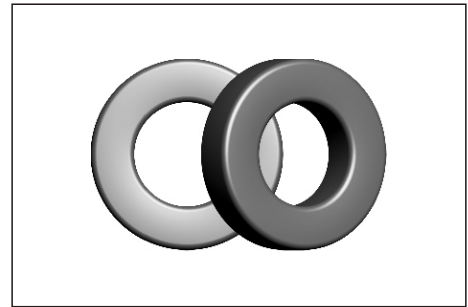


AMORPHOUS POWDER CORE SERIES PRODUCTS

APT 50PXX



Core Dimensions

Cross Section	OD (max)	ID (min)	HT (max)
Bare Core(mm)	50.80	31.75	13.46
Coating Core(epoxy)	51.70	30.90	14.35

Available Cores

Part No.	A_L (nH/N ²)	Perm. (μ)
APT50P26	32	26
APT50P60	73	60
APT50P75	91	75
APT50P90	109	90

Magnetic Dimensions

Cross Section (A)	Path Length (L)	Window Area (Wa)	Volume (V)
1.251cm ²	12.73cm	7.50cm ²	15.929cm ³

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	30	0.00539	19	0.0980	19	0.0980
11	0.2380	33	0.00754	20	0.0879	20	0.0879
12	0.2130	38	0.01050	21	0.0785	21	0.0785
13	0.1900	43	0.01470	22	0.0701	22	0.0701
15	0.1710	48	0.02050	23	0.0632	23	0.0632
15	0.1530	54	0.02870	24	0.0566	24	0.0566
16	0.1370	60	0.04020	25	0.0505	25	0.0505
17	0.1220	68	0.05620	26	0.0452	26	0.0452
18	0.1090	76	0.07880	27	0.0409	27	0.0409

A_L vs NI Curve

