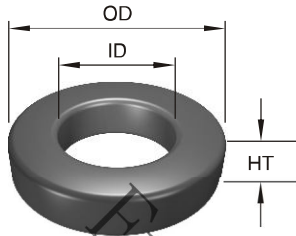
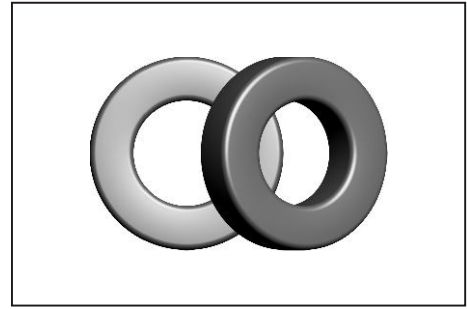


AMORPHOUS POWDER CORE SERIES PRODUCTS

APT 27PXX



Core Dimensions

Cross Section	OD (max)	ID (min)	HT (max)
Bare Core(mm)	26.92	14.73	11.18
Coating Core(epoxy)	27.70	14.10	11.99

Available Cores

Part No.	A_L (nH/N ²)	Perm. (μ)
APT27P26	32	26
APT27P60	75	60
APT27P75	94	75
APT27P90	113	90

Magnetic Dimensions

Cross Section (A)	Path Length (L)	Window Area (Wa)	Volume (V)
0.654cm ²	6.35cm	1.56cm ²	4.150cm ³

Winding Information

AWG No.	Wire Dia(cm)	Single Turns	Larger Rdc, Ω	AWG No.	Wire Dia(cm)	Single Turns	Larger Rdc, Ω
12	0.2130	16	0.00367	21	0.0785	47	0.0759
13	0.1900	18	0.00514	22	0.0701	53	0.1070
14	0.1710	20	0.00715	23	0.0632	59	0.1490
15	0.1530	23	0.01000	24	0.0566	66	0.2090
16	0.1370	26	0.01410	25	0.0505	74	0.2940
17	0.1220	29	0.01970	26	0.0452	83	0.4140
18	0.1090	33	0.02760	27	0.0409	93	0.5750
19	0.0980	37	0.03870	28	0.0366	104	0.8120
20	0.0879	42	0.05410	29	0.0330	115	1.1100

A_L vs NI Curve

