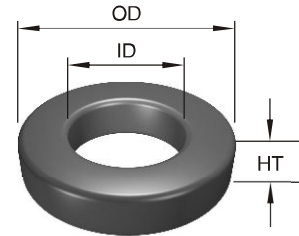


AMORPHOUS POWDER CORE SERIES PRODUCTS

APT 47PXX



Core Dimensions

Cross Section	OD (max)	ID (min)	HT (max)
Bare Core(mm)	46.74	28.70	15.24
Coating Core(epoxy)	47.60	27.90	16.13

Magnetic Dimensions

Cross Section (A)	Path Length (L)	Window Area (Wa)	Volume (V)
1.34cm ²	11.63cm	6.11cm ²	15.584cm ³

Available Cores

Part No.	A _L (nH/N ²)	Perm. (μ)
APT47P26	37	26
APT47P60	86	60
APT47P75	107	75
APT47P90	128	90

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	26	0.00505	19	0.0980	77	0.1040
11	0.2380	30	0.0708	20	0.0879	86	0.1460
12	0.2130	34	0.00990	21	0.0785	96	0.2050
13	0.1900	38	0.01390	22	0.0701	108	0.2900
15	0.1710	43	0.01930	23	0.0632	120	0.4020
15	0.1530	48	0.02700	24	0.0566	134	0.5650
16	0.1370	54	0.03800	25	0.0505	150	0.7950
17	0.1220	61	0.05300	26	0.0452	168	1.1200
18	0.1090	68	0.07450	27	0.0409	186	1.5600

A_L vs NI Curve

