

ALLOY POWDER CORE SERIES PRODUCTS

Toroidal Cores

TYPICAL PART No.

MPP 106—125
 HF
 KS

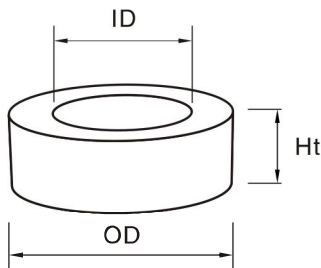
Permeability(μ_e)
 Size Designation
 Materials Mix No.

Permeability: From 14 μ to 125 μ
 MPP: MPP Core(gray)
 HF: High Flux Core(blue)
 KS: Sendust Core(black)

STANDARD SPECIFICATIONS

Part No. MPP-XXX-XX HF-XXX-XX KS-XXX-XX	A_L nH/N ²	Dimensions (Bare)			Dimensions (Coated)			L cm	A cm ²	V cm ³
		OD mm	ID mm	HT mm	OD mm(Max)	ID mm(Min)	HT mm(Max)			
300-26	30	77.80	49.20	12.70	78.90	48.20	13.84	20.00	1.770	34.700
300-60	68	77.80	49.20	12.70	78.90	48.20	13.84	20.00	1.770	34.700
300-75	85	77.80	49.20	12.70	78.90	48.20	13.84	20.00	1.770	34.700
300-90	102	77.80	49.20	12.70	78.90	48.20	13.84	20.00	1.770	34.700
300-125	142	77.80	49.20	12.70	78.90	48.20	13.84	20.00	1.770	34.700
301-26	37	77.80	49.20	15.90	78.90	48.20	17.02	19.950	2.270	45.300
301-60	85	77.80	49.20	15.90	78.90	48.20	17.02	19.950	2.270	45.300
301-75	107	77.80	49.20	15.90	78.90	48.20	17.02	19.950	2.270	45.300
301-90	128	77.80	49.20	15.90	78.90	48.20	17.02	19.950	2.270	45.300
301-125	178	77.80	49.20	15.90	78.90	48.20	17.02	19.950	2.270	45.300

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS



L_e : Mean Magnetic Path length

A_e : Cross Section Area

V_e : Core Volume

Operating temperature range: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$

A_L Test condition: 10kHz, 1mT