



## Specification of Magnetic Powder Core

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Part Number	Product Series	Permeability (u)	A <sub>L</sub> (nH/N <sup>2</sup> )	Coating Color	Coating Material	Coating Breakdown Voltage
MKF571-060	MKF	60	138±8%	Blue	Epoxy	1.5KVac / 0.5mA /3sec
Description	Toroidal Si-Fe Core					

### Core Dimensions

Dimensions	Before Coating		After Coating		Min / Max
	inch	mm	inch	mm	
OD	2.250	57.20	2.285	58.00	Max
ID	1.039	26.40	1.007	25.60	Min
HT	0.600	15.20	0.635	16.10	Max



### Physical Characteristics & Packaging

Path Length Le (cm)	Cross Section Ae (cm <sup>2</sup> )	Core Volume Ve (cm <sup>3</sup> )	Window Area Wa (cm <sup>2</sup> )	Weight (g)	Box QTY (pcs)
12.5	2.29	28.60	5.14	205±5%	112

### Electrical Features (@25°C±2°C)

Test Item	Condition	Value (Typical)
Inductance	∅1.0 mm, 50TS, 100KHz, 1.0V, 0A	345uH±8%
DC-Bias	∅1.0 mm, 50TS, 100KHz, 1.0V, I <sub>DC(100 Oe)</sub> = 19.90 A	70%Min
Core Loss	∅1.0mm, 50TS, 50KHz, 1000Gauss	620mW/cm <sup>3</sup> Max
Hi-Pot	1.5KVac, 0.5mA, 3 sec	PASS

### DC Bias Curves

