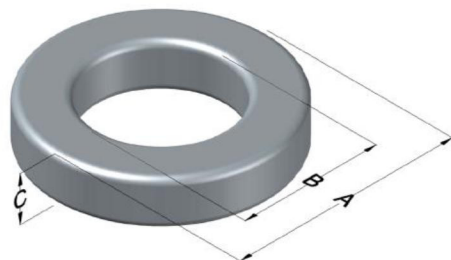




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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	36 ± 12%	XXXXXX	824	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 10,000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	6.35	0.250	6.99	0.275	max	
ID (B)	2.79	0.110	2.29	0.090	min	
HT (C)	2.79	0.110	3.43	0.135	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm²)	Cross Section A _e (mm²)	Path Length L _e (mm)	Volume V _e (mm³)	Weight (g)
750	80%	50%	1250	7.3	4.08	4.70	13.6	64.0	0.3783
	21.0	52.0							

Winding Information						Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)			Curie Temp: 500°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	7.34	Coating Temp (Continuous up to): 200°C
					HT	4.12	
				Completely Full Window	Max OD	8.81	Notes:
					Max HT	5.38	
0%	11.6	40%	12.8	Surface Area (mm²)			
20%	12.2	45%	12.9				
25%	12.3	50%	13.1				
30%	12.4	60%	13.4	Unwound Core		170	
35%	12.6	70%	13.9	40% Winding Factor		200	

Typical DC Bias Performance

