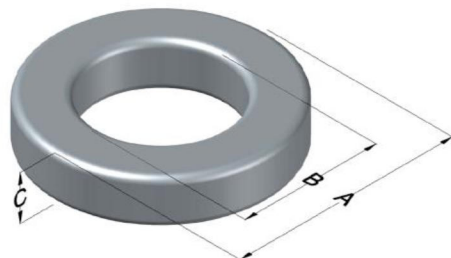




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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	39 ± 12%	XXXXXX	244	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 10,000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	6.60	0.260	7.24	0.285	max	
ID (B)	2.67	0.105	2.16	0.085	min	
HT (C)	2.54	0.100	3.18	0.125	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	11.0	3.63	4.76	13.6	64.9	0.3900
	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	7.41	Coating Temp (Continuous up to): 200°C	
					HT	3.87		
				Completely Full Window	Max OD	9.12		Notes:
					Max HT	5.13		
0%	11.4	40%	12.6	Surface Area (mm²)				
20%	12.0	45%	12.7					
25%	12.2	50%	12.9					
30%	12.3	60%	13.2	Unwound Core		170		
35%	12.4	70%	13.6	40% Winding Factor		190		

Typical DC Bias Performance

