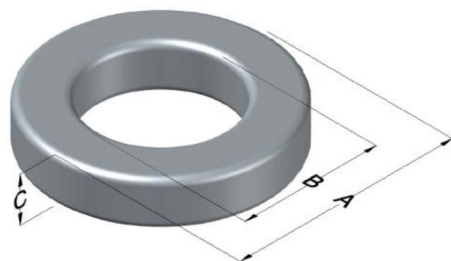




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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	19 ± 15%	N/A	N/A	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 5 vials/box Box Qty= 7500 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	3.56	0.140	4.19	0.165	max	
ID (B)	1.78	0.070	1.27	0.050	min	
HT (C)	1.52	0.060	2.16	0.085	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%	*-	1.8	1.27	1.30	8.06	10.5	0.0631
	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	Coating Temp (Continuous up to): 200°C	
					HT	Notes:	
0%	7.24	40%	7.89	Completely Full Window	Max OD		
20%	7.56	45%	7.98		Max HT		
25%	7.65	50%	8.08	Surface Area (mm ²)		*No voltage breakdown min for A2 or A7 with OD ≤4.65mm	
30%	7.70	60%	8.27				
35%	7.81	70%	8.48	Unwound Core	60		
				40% Winding Factor	70		

Typical DC Bias Performance

