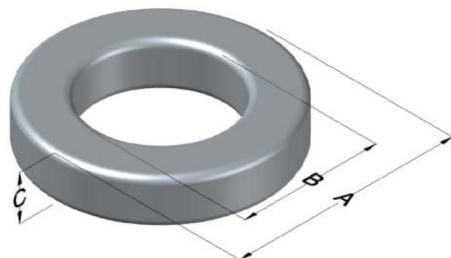




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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	48 ± 12%	XXXXXX	844A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 8000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	10.16	0.400	10.8	0.425	max	
ID (B)	5.08	0.200	4.57	0.180	min	
HT (C)	3.96	0.156	4.60	0.181	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	12.0	16.4	9.57	23.0	220	1.4550
	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	11.5	Coating Temp (Continuous up to): 200°C
					HT	5.96	
				Completely Full Window	Max OD	14.1	Notes:
					Max HT	8.46	
0%	15.4	40%	17.8	Surface Area (mm²)			
20%	16.6	45%	18.1				
25%	16.9	50%	18.4				
30%	17.1	60%	19.2	Unwound Core		370	
35%	17.5	70%	20.0	40% Winding Factor		480	

Typical DC Bias Performance

