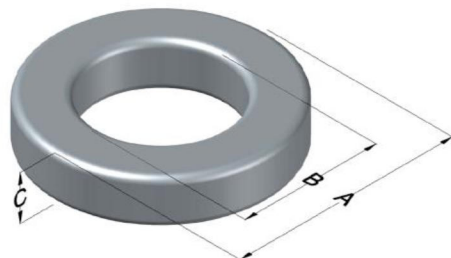




0077224A7

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	52 ± 8%	XXXXXX	77224A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 2000 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	16.59	0.653	17.27	0.680	max	
ID (B)	10.16	0.400	9.53	0.375	min	
HT (C)	6.35	0.250	7.11	0.280	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	23.0	71.2	19.2	41.2	791	4.8500
	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%	22.0	40%	26.8	Completely Full Window	Max OD		
20%	24.4	45%	27.6		Max HT		
25%	25.0	50%	28.3	Surface Area (mm ²)			
30%	25.6	60%	29.7				
35%	26.2	70%	31.4	Unwound Core	920		
				40% Winding Factor	1,300		

Typical DC Bias Performance

