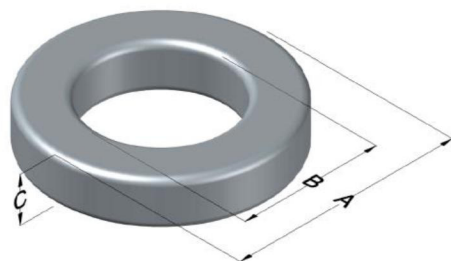




0077210A7

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	49 ± 8%	XXXXXX	77210A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 1600 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	20.32	0.800	21.08	0.830	max	
ID (B)	12.70	0.500	12.07	0.475	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%	>2000	29.0	114	22.1	50.9	1,120	6.8870
	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	22.9	Coating Temp (Continuous up to): 200°C
					HT	10.7	
				Completely Full Window	Max OD	29.2	Notes:
					Max HT	17.4	
0%	23.2	40%	29.3	Surface Area (mm²)			
20%	26.3	45%	30.3				
25%	27.0	50%	31.2				
30%	27.8	60%	32.9	Unwound Core		1,200	
35%	28.6	70%	35.1	40% Winding Factor		1,900	

Typical DC Bias Performance

