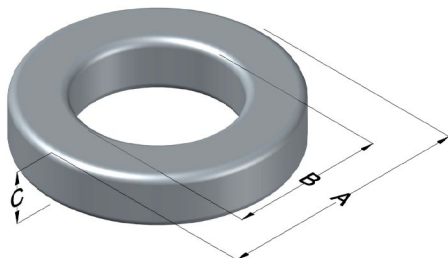




0077090A7

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	86 ± 8%	XXXXXX	77090A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 120 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	46.70	1.840	47.63	1.875	max	
ID (B)	28.70	1.130	27.88	1.098	min	
HT (C)	15.2	0.600	16.2	0.635	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm ³)	DC Bias min (A·T/cm)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Weight (g)
1000	80%	50%	1000	99	610	134	116	15,600	90
	31.0	69.1							

Winding Information						Temperature Rating			
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 500°C			
Winding Factor	(mm)	Winding Factor	(mm)			Coating Temp (Continuous up to): 200°C			
				Maximum OD (70%)		66.3		Notes:	
Maximum HT (70%)		39.8							
0%		52.0		40%		66.4			
20%		59.1		45%		68.2			
25%		61.0		50%		70.4			
30%		62.2		60%		74.7			
35%		64.5		70%		79.5			
				Surface Area (mm²)					
				Unwound Core		6,170			
				40% Winding Factor		9,510			

Typical DC Bias Performance

