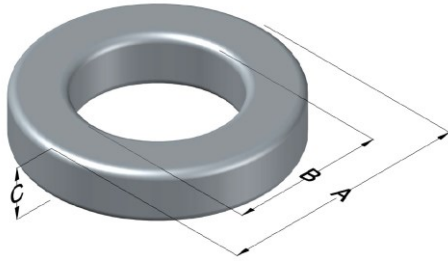




0077083A7

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Kool M μ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	81 ± 8%	XXXXXX	77083A7	N/A	Black

Dimensions	Uncoated		Coated Limits		Packaging
	(mm)	(in)	(mm)	(in)	
OD (A)	39.90	1.570	40.77	1.605	Cardboard cut-outs Box Qty= 180 pcs
ID (B)	24.1	0.950	23.3	0.918	
HT (C)	14.5	0.570	15.4	0.605	

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%							
	31.0	69.1							

Winding Information				Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)	
Winding Factor	(mm)	Winding Factor	(mm)	Maximum OD (70%)	56.4
				Maximum HT (70%)	35.2
0%	48.2	40%	60.2	Notes:	
20%	54.3	45%	62.1		
25%	55.8	50%	63.7		
30%	57.0	60%	67.3		
35%	58.8	70%	71.5		
				Surface Area (mm ²)	
				Unwound Core	4,840
				40% Winding Factor	7,160
				Curie Temp: 500°C	
				Coating Temp (Continuous up to): 200°C	

