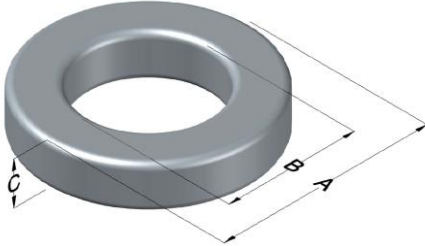




0079912A7

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Kool M μ MAX Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	57 \pm 8%	XXXXXX	79912A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.95	3.108	max	Cardboard cut-outs Box Qty= 40 pcs
ID (B)	49.20	1.938	48.20	1.898	min	
HT (C)	15.9	0.625	17.1	0.670	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)
	80%	50%							
700	65.9	143	2000	140	1,820	221	196	43,400	270

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		Coating Temp (Continuous up to): 200°C
				OD	86.6	Notes:
				HT	32.3	
				Completely Full Window		
				Max OD	113	
				Max HT	57.7	
				Surface Area (mm ²)		
				Unwound Core		13,000
				40% Winding Factor		24,000

