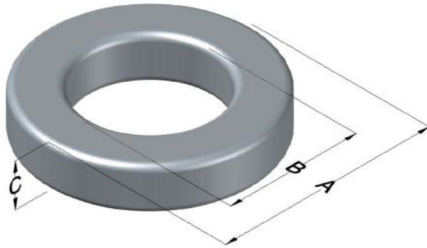




0078073A7

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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	100 \pm 8%	XXXXXX	78073A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	68.00	2.677	69.42	2.733	max	Cardboard cut-outs Box Qty= 35 pcs
ID (B)	35.99	1.417	34.67	1.365	min	
HT (C)	19.99	0.787	21.41	0.843	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		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%							
850	120	230	3000	181.0	945	314	158	49,700	370

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	74.7
					HT	37.4
0%	77.6	40%	95.1	Completely Full Window	Max OD	92.7
20%	86.6	45%	98.0		Max HT	50.6
25%	88.6	50%	101	Surface Area (mm ²)		
30%	90.7	60%	106	Unwound Core		12,700
35%	93.2	70%	112	40% Winding Factor		19,000
Notes:						
Coating Temp (Continuous up to): 200°C						

Typical DC Bias Performance

