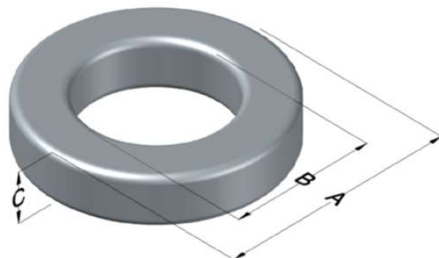




0076894A7

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Kool M μ Hf Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	75 $\pm$ 8%	XXXXXX	76894A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	26.92	1.060	27.69	1.090	max	Cardboard cut-outs Box Qty= 400 pcs
ID (B)	14.73	0.580	14.10	0.555	min	
HT (C)	11.18	0.440	11.94	0.470	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 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)	Est. Weight (g)
450	80%	50%	3000	77.0	156	65.4	63.5	4,150	25.9
	45	100							

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	30.9	Coating Temp (Continuous up to): 200°C
					HT	16.7	
				Completely Full Window	Max OD	30.9	Notes:
					Max HT	21.5	
				0%	37.5	40%	
20%	41.1	45%	45.6				
25%	42.1	50%	46.8				
30%	42.8	60%	49.0 <th colspan="2">Unwound Core</th> <td colspan="2">2,500</td>	Unwound Core		2,500	
35%	43.8	70%	51.4 <th colspan="2">40% Winding Factor</th> <td colspan="2">3,500</td>	40% Winding Factor		3,500	

Typical DC Bias Performance

