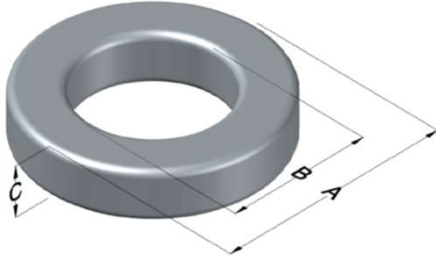




0077083A7HT18

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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	97 \pm 8%	XXXXXX	77083A7HT18	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	39.88	1.570	40.77	1.605	max	Cardboard cut-outs Box Qty = TBD
ID (B)	24.13	0.950	23.32	0.918	min	
HT (C)	16.86	0.664	18.00	0.709	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)	Weight (g)
	80%	50%							
750	39	87	3000	126.0	427	127	98.5	12,500	74.8

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	45.6
					HT	25.2
0%	53.5	40%	65.5	Completely Full Window	Max OD	48.0
20%	59.6	45%	67.3		Max HT	34.8
25%	61.0	50%	68.9	Surface Area (mm ²)		
30%	62.3	60%	72.6	Unwound Core	5,400	
35%	64.1	70%	76.9	40% Winding Factor	7,700	
Notes:						
Coating Temp (Continuous up to): 200°C						

