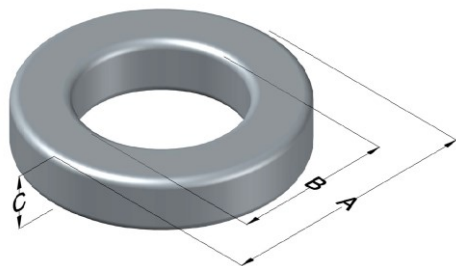




0077453A7

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Kool M μ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	161 ± 8%	XXXXXX	77453A7	N/A	Black

Dimensions					Packaging
Uncoated		Coated Limits			
	(mm)	(in)	(mm)	(in)	
OD (A)	42.90	1.689	43.83	1.724	Cardboard cut-outs Box Qty = 120 Pcs
ID (B)	24.20	0.953	23.40	0.921	
HT (C)	16.26	0.640	17.26	0.675	

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%							
900	20	52	2000	98.8	430	147.5	102	15100	90.4

Winding Information					Temperature Rating	
Winding Length per Turn			Wound Coil Dimensions (mm)		Curie Temp (°C):	500 °C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	48.4
0%	55.0	40%	67.1	Completely Full Window	HT	21.8
20%	61.1	45%	68.9		Max OD	50.5
25%	62.5	50%	70.8	Surface Area (mm ²)	Max HT	23.9
30%	63.8	60%	74.2		Unwound Core:	5800
35%	65.6	70%	78.5		40% Wound:	8400

