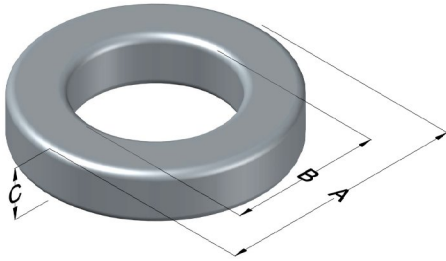




0077164A7

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Kool M μ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	42 ± 8%	XXXXXX	77164A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	165.1	6.500	166.5	6.555	max	Cardboard cut-outs Box Qty= 6 pcs
ID (B)	102.4	4.032	101.0	3.977	min	
HT (C)	31.75	1.250	33.15	1.305	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 50mT 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)
	200	80%							
	160	207							

Winding Information				Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)	
Winding Factor	(mm)	Winding Factor	(mm)	Curie Temp: 500°C	
				Coating Temp (Continuous up to): 200°C	
				Notes:	
0%	132	40%	184	Maximum OD (70%)	228
20%	158	45%	192	Maximum HT (70%)	103
25%	164	50%	199	Surface Area (mm ²)	
30%	170	60%	215	Unwound Core	55,400
35%	178	70%	233	40% Winding Factor	101,000

