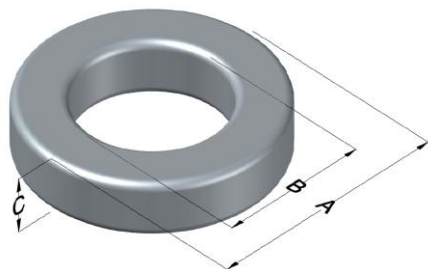




0076090A7

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Kool Mμ Hf Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	86 ± 8%	XXXXXX	76090A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 120 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	46.74	1.840	47.63	1.875	max	
ID (B)	28.70	1.130	27.89	1.098	min	
HT (C)	15.24	0.600	16.13	0.635	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100 mT 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)
	80%	50%							
450	45	100	3000	98	610	134	116.3	15,600	96

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	53.2	Coating Temp (Continuous up to): 200°C
					HT	24.5	
				Completely Full Window	Max OD	56.0	Notes:
					Max HT	35.7	
0%	52.0	40%	66.1	Surface Area (mm ²)			
20%	59.3	45%	68.4				
25%	60.9	50%	70.3				
30%	62.6	60%	74.8	Unwound Core		6,200	
35%	64.6	70%	79.6	40% Winding Factor		9,500	

Typical DC Bias Performance

