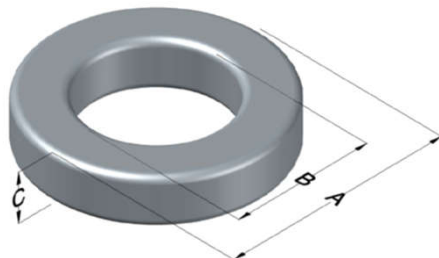




0077614A7

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	44 ± 8%	XXXXXX	77614A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	61.98	2.440	63.09	2.484	max	Cardboard cut-outs Box Qty= 45 pcs
ID (B)	32.59	1.283	31.70	1.248	min	
HT (C)	24.99	0.984	25.91	1.020	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)
	80%	50%							
1200	175	350	3000	193.0	789	360	143.6	51,800	271

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	69.5	Coating Temp (Continuous up to): 200°C
					HT	35.5	
				Completely Full Window	Max OD	72.7	Notes:
					Max HT	48.3	
				0%	83.2	40%	
20%	91.4	45%	102				
25%	93.3	50%	104				
30%	95.0	60%	109	Unwound Core		12,000	
35%	97.5	70%	114	40% Winding Factor		17,000	

Typical DC Bias Performance

