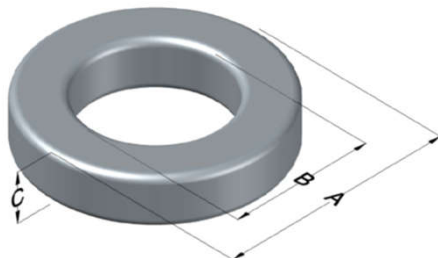




0077112A7

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	18 ± 8%	XXXXXXX	77112A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	57.15	2.250	58.04	2.285	max	Cardboard cut-outs Box Qty= 90 pcs
ID (B)	35.56	1.400	34.75	1.368	min	
HT (C)	13.97	0.550	14.86	0.585	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	107.0	948	144	143.0	20,700	109

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	65.2	Coating Temp (Continuous up to): 200°C
					HT	25.7	
				Completely Full Window	Max OD	68.8	Notes:
					Max HT	40.1	
				0%			
20%			62.0	45%	73.5		
25%			64.2	50%	75.9		
30%			66.0	60%	81.3	Surface Area (mm²)	
35%			68.8	70%	87.5		
Unwound Core				7,700			
40% Winding Factor				13,000			

Typical DC Bias Performance

