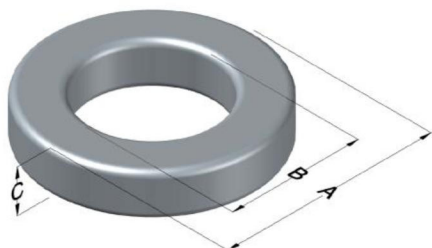




0077930A7HT14

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	183 ± 8%	XXXXXX	77930A7HT14	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 320 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	26.92	1.060	27.69	1.090	max	
ID (B)	14.73	0.580	14.10	0.555	min	
HT (C)	13	0.512	14	0.551	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm²)	Cross Section A _e (mm²)	Path Length L _e (mm)	Volume V _e (mm³)	Weight (g)
750	80%	50%	3000	77.0	156	77.1	63.5	4830	30
	14	35							

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	30.0	Coating Temp (Continuous up to): 200°C	
					HT	18.5		
				Completely Full Window	Max OD	37.3		Notes:
					Max HT	26.0		
0%	41.6	40%	48.8	Surface Area (mm²)				
20%	45.1	45%	49.8					
25%	46.0	50%	50.7					
30%	46.9	60%	52.9	Unwound Core		2,700		
35%	47.8	70%	55.4	40% Winding Factor		4,000		

Typical DC Bias Performance

