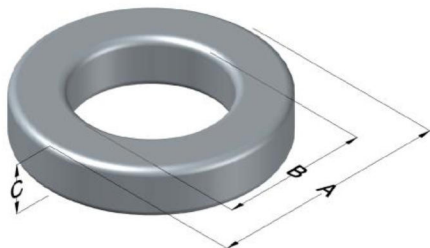




0077548A7HT15

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	167 ± 8%	XXXXXX	77548A7HT15	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 175 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	32.79	1.291	33.66	1.325	max	
ID (B)	20.09	0.791	19.46	0.766	min	
HT (C)	14	0.552	15	0.590	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	79.0	297	86.3	81.4	7020	44
	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	36.8	Coating Temp (Continuous up to): 200°C	
					HT	21.3		
				Completely Full Window	Max OD	46.7	Notes:	
					Max HT	31.5		
0%	44.3	40%	54.2	Surface Area (mm²)				
20%	49.2	45%	55.5					
25%	50.3	50%	56.9					
30%	51.6	60%	60.0	Unwound Core		3,700		
35%	52.8	70%	63.4	40% Winding Factor		5,800		

Typical DC Bias Performance

