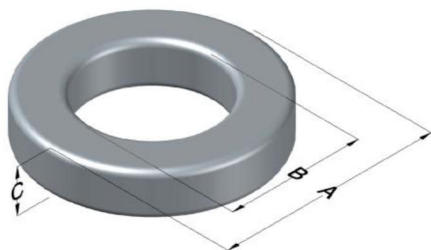




0077548A7HT08

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	86 ± 8%	XXXXXX	77548A7HT08	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= TBD
	(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)	7.24	0.285	8	0.315	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	44.5	81.4	3620	23
	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	14.3		
	Completely Full Window	Max OD	46.7	Notes:				
		Max HT	24.5					
0%	30.3	40%	40.2		Surface Area (mm²)			
20%	35.2	45%	41.5					
25%	36.3	50%	42.9					
30%	37.6	60%	46.0	Unwound Core		2,500		
35%	38.8	70%	49.4	40% Winding Factor		4,700		

Typical DC Bias Performance

