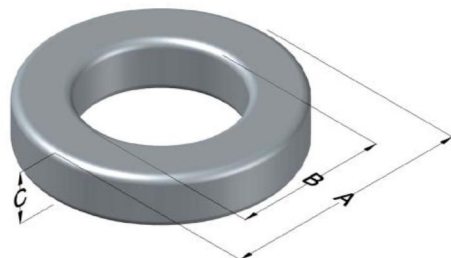




0077120A7HT14

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	144 ± 8%	XXXXXX	77120A7HT14	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	16.51	0.650	17.27	0.680	max	Bulk Pack 4 bags/box Box Qty= 1000 pcs
ID (B)	10.16	0.400	9.53	0.375	min	
HT (C)	13.21	0.520	14.0	0.551	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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)	Weight (g)
750	80%	50%	1250	23.0	71.2	38.4	41.2	1,580	10
	14.0	35.0							

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	Coating Temp (Continuous up to): 200°C	
					HT	Notes:	
0%	35.8	40%	40.6	Completely Full Window	Max OD		
20%	38.2	45%	41.3		Max HT		
25%	38.8	50%	42.0	Surface Area (mm ²)			
30%	39.4	60%	43.5				
35%	40.0	70%	45.2	Unwound Core	1,500		
				40% Winding Factor	2,000		

Typical DC Bias Performance

