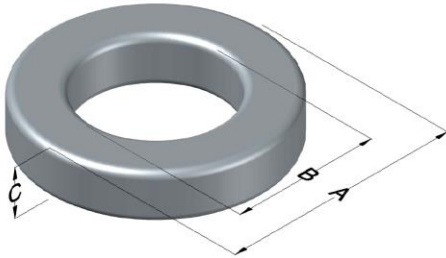




0077848A7HT14

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magnetics@spang.com
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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	64 ± 8%	XXXXXX	77848A7HT14	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	20.3	0.800	21.1	0.830	max	Bulk Pack 4 bags/box Box Qty= 800 pcs
ID (B)	12.7	0.500	12.0	0.475	min	
HT (C)	12.7	0.500	14.0	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)
900	80%	50%	1000	29.0	114	44.2	50.9	2250	13
	39.0	87.0							

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	22.9	Coating Temp (Continuous up to): 200°C
					HT	16.7	
				Completely Full Window	Max OD	29.2	Notes:
					Max HT	23.4	
0%	37.1	40%	43.1	Surface Area (mm²)			
20%	40.0	45%	44.1				
25%	40.9	50%	44.9				
30%	41.6	60%	46.7	Unwound Core		1,930	
35%	42.4	70%	48.8	40% Winding Factor		2,680	

Typical DC Bias Performance

