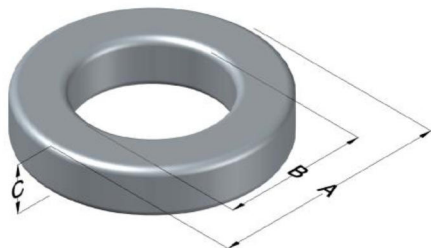




0077936A7HT29

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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	125 ± 8%	XXXXXX	77936A7HT29	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 160 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)	27.94	1.100	29	1.142	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%	3000	77.0	156	164	63.5	10,400	58
	58.5	133							

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	33.5	
				Completely Full Window	Max OD	37.3	Notes:
					Max HT	41.0	
0%	71.6	40%	78.8	Surface Area (mm²)			
20%	75.1	45%	79.8				
25%	76.0	50%	80.7				
30%	76.9	60%	82.9	Unwound Core		4,700	
35%	77.8	70%	85.4	40% Winding Factor		5,800	

Typical DC Bias Performance

