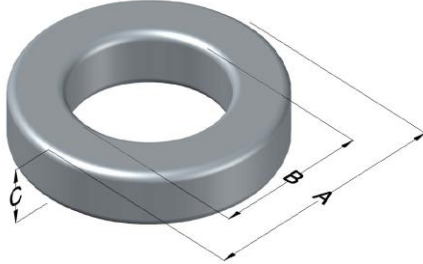




0058410AY

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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	70 ± 8%	N/A	N/A	N/A	Clear

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	6.86	0.270	7.31	0.288	max	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	3.96	0.156	3.63	0.143	min	
HT (C)	5.08	0.200	5.54	0.218	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100 mT 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)	Est. Weight (g)
	80%	50%							
1000	46	81	600	TBD	10.35	7.25	16.5	120	1.06

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		Coating Temp (Continuous up to): 130°C
				OD	8.11	Notes:
Completely Full Window	HT	6.74				
	Max OD	8.11				
Max HT	8.34					
0%	14.8	40%	16.7	Surface Area (mm ²)		
20%	15.7	45%	16.9	Unwound Core		250
25%	16.0	50%	17.2	40% Winding Factor		320
30%	16.1	60%	17.8			
35%	16.4	70%	18.4			

