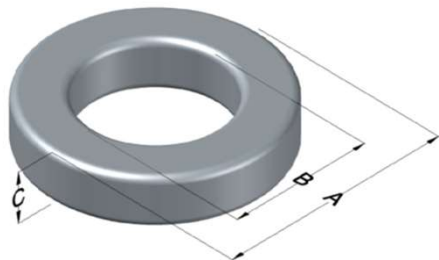




0059716A2S01

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High Bias Edge Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	73 $\pm$ 8%	XXXXXX	59716A2S01	N/A	Green

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	50.80	2.000	51.69	2.035	max	Cardboard cut-outs Box Qty= 90 pcs
ID (B)	31.75	1.250	30.94	1.218	min	
HT (C)	13.46	0.530	14.35	0.565	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 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)
700	80%	50%	3000	93.0	752	123	127.3	15,600	132
	130	200							

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	58.1	Coating Temp (Continuous up to): 200°C
					HT	24.0	
				Completely Full Window	Max OD	61.3	Notes:
					Max HT	36.8	
				0%			
20%			57.5	45%	67.8		
25%			59.4	50%	69.8		
30%			61.1	60%	74.7	Surface Area (mm ²)	
35%			63.5	70%	80.3		
Unwound Core				6,400			
40% Winding Factor				11,000			

Typical DC Bias Performance

