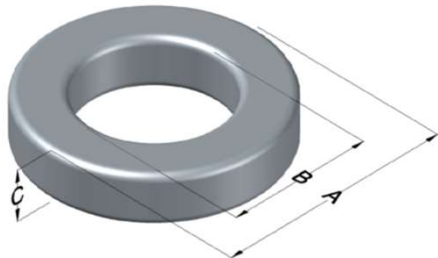




0059727A2S01

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High Bias Edge Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	76 $\pm$ 8%	XXXXXX	59727A2S01	N/A	Green

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 70 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	50.55	1.990	51.51	2.028	max	
ID (B)	24.77	0.975	24.00	0.945	min	
HT (C)	20.83	0.820	21.59	0.850	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)
1000	80%	50%	3000	95.0	452	263	113.5	29,900	229
	300	425							

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	56.7	Coating Temp (Continuous up to): 200°C
					HT	29.4	
				Completely Full Window	Max OD	56.7	Notes:
					Max HT	39.8	
				0%	70.7	40%	
20%	77.0	45%	85.0				
25%	78.5	50%	86.8				
30%	79.7	60%	90.5	Unwound Core		8,400	
35%	81.7	70%	94.9	40% Winding Factor		11,000	

Typical DC Bias Performance

