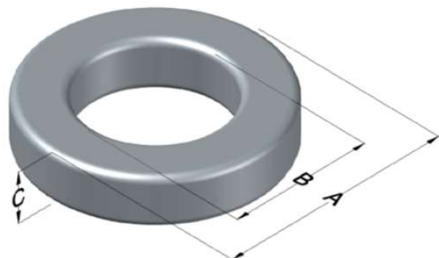




0059586A2S01

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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	38 $\pm$ 8%	XXXXXX	59586A2S01	N/A	Green

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 300 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	34.29	1.350	35.18	1.385	max	
ID (B)	23.37	0.920	22.56	0.888	min	
HT (C)	8.89	0.350	9.78	0.385	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)
	80%	50%							
700	130	200	3000	54.0	400	46.4	89.5	4,150	35.4

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	40.0	Coating Temp (Continuous up to): 200°C
					HT	17.0	
				Completely Full Window	Max OD	42.4	Notes:
					Max HT	26.6	
				0%	32.2	40%	
20%	38.1	45%	45.7				
25%	39.5	50%	47.2				
30%	40.7	60%	50.8	Unwound Core		2,900	
35%	42.5	70%	55.0	40% Winding Factor		5,100	

Typical DC Bias Performance

