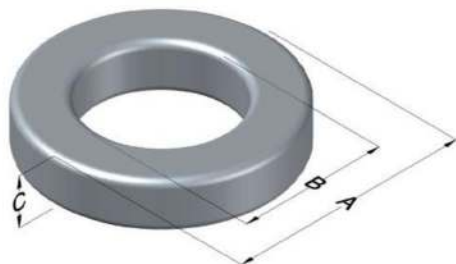




**0059586A2**

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Edge Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	38 ± 8%	XXXXXX	59586A2	N/A	Green

Dimensions						Packaging
Uncoated			Coated Limits			
	(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	

Cardboard cut-outs  
Box Qty = 300 Pcs

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT (max, mW/cm <sup>3</sup> )	DC Bias min (Oersteds)		Voltage Breakdown wire-to-wire min (V <sub>AC</sub> )	Break Strength (min, kg)	Window Area, W <sub>A</sub> (mm <sup>2</sup> )	Cross Section, A <sub>e</sub> (mm <sup>2</sup> )	Path Length, L <sub>e</sub> (mm)	Volume V <sub>e</sub> (mm <sup>3</sup> )	Weight (g)
525	80%	50%							
	100	180	3000	53.5	399	46.4	89.5	4150	33.4

Winding Information					Temperature Rating	
Winding Length per Turn			Wound Coil Dimensions (mm)		Curie Temp (°C):	500 °C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	40.5
0%	32.2	40%	44.0	Completely Full Window	HT	16.8
20%	38.1	45%	45.6		Max OD	50.1
25%	39.6	50%	47.3	Surface Area (mm <sup>2</sup> )	Max HT	29.0
30%	40.6	60%	50.8		Unwound Core:	2900
35%	42.5	70%	54.9		40% Wound:	5500

Coating Temp: (Continuous, up to; °C) 200 °C

Notes:

