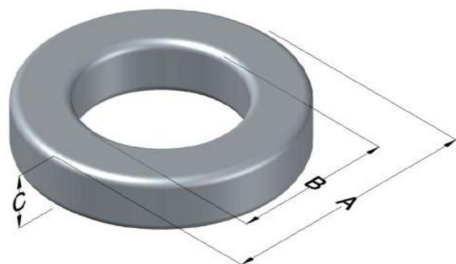




**0059587A2**

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Edge Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	16 $\pm$ 8%	XXXXXX	59587A2	N/A	Green

Dimensions						Packaging
Uncoated			Coated Limits			
	(mm)	(in)	(mm)	(in)		Cardboard cut-outs Box Qty = 300 Pcs
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 <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)
	80%	50%							
725	240	390	3000	53.5	399	46.4	89.5	4150	29.9

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

