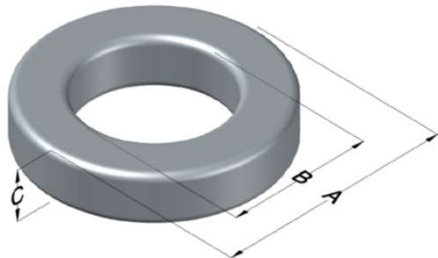




**0058886A2**

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High Flux Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	17 $\pm$ 8%	XXXXXX	58886A2	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	9.65	0.380	10.29	0.405	max	Bulk Pack 4 bags/box Box Qty= 8000 pcs
ID (B)	4.78	0.188	4.27	0.168	min	
HT (C)	3.18	0.125	3.81	0.150	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 50mT 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%							
510	110	215	1250	10.0	14.3	7.52	21.8	164	1.41

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	10.9
					HT	5.61
0%	13.6	40%	15.9	Completely Full Window	Max OD	11.5
20%	14.6	45%	16.2		Max HT	6.81
25%	15.0	50%	16.5	Surface Area (mm <sup>2</sup> )		
30%	15.3	60%	17.2	Unwound Core		310
35%	15.6	70%	18.0	40% Winding Factor		410
Coating Temp (Continuous up to): 200°C						
Notes:						

