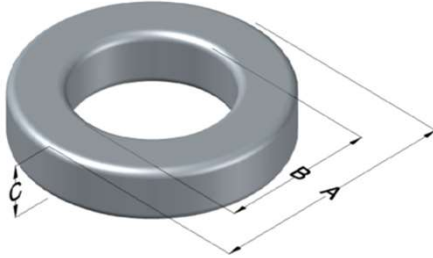




0058833A2

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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	17 \pm 8%	XXXXXX	58833A2	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	7.87	0.310	8.51	0.335	max	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	3.96	0.156	3.45	0.136	min	
HT (C)	3.18	0.125	3.81	0.150	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 50mT 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%							
510	110	215	1250	10.0	9.35	6.00	18	107	0.94

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	8.91
					HT	5.01
0%	12.7	40%	14.5	Completely Full Window	Max OD	9.31
20%	13.5	45%	14.7		Max HT	6.21
25%	13.8	50%	15.0	Surface Area (mm ²)		
30%	14.0	60%	15.5	Unwound Core		240
35%	14.2	70%	16.1	40% Winding Factor		290
Notes:						
Coating Temp (Continuous up to): 200°C						

