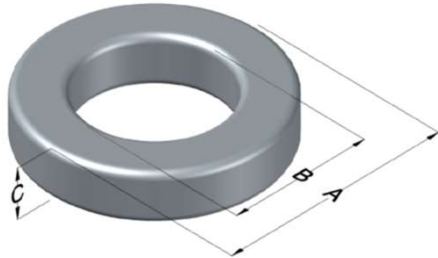




**0058750A2**

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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	
19	56 ± 8%	XXXXXX	58750A2	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	50.55	1.990	51.51	2.028	max	Cardboard cut-outs Box Qty= 70 pcs
ID (B)	24.77	0.975	24.00	0.945	min	
HT (C)	20.83	0.820	21.59	0.850	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%							
1800	240	475	3000	95.0	452	262	113.5	29,700	167

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	56.7
					HT	29.4
0%	70.7	40%	83.2	Completely Full Window	Max OD	56.7
20%	77.0	45%	85.0		Max HT	39.8
25%	78.5	50%	86.8	Surface Area (mm <sup>2</sup> )		
30%	79.7	60%	90.5	Unwound Core		8,400
35%	81.7	70%	94.9	40% Winding Factor		11,000
						Coating Temp (Continuous up to): 200°C
						Notes:

