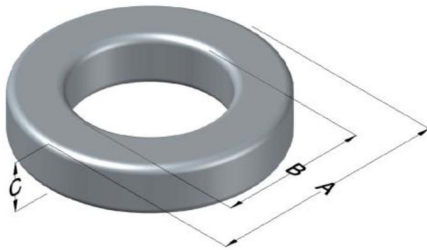




# C058548A2HT15

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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	
125	167 ± 8%	XXXXXX	58548A2HT15	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	32.79	1.291	33.66	1.325	max	Cardboard cut-outs Box Qty= 175 pcs
ID (B)	20.09	0.791	19.46	0.766	min	
HT (C)	14	0.552	15	0.590	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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%							
1000	46	81	3000	79.0	297	86.3	81.4	7020	58

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	36.8
					HT	21.3
				Completely Full Window	Max OD	46.7
					Max HT	31.5
0%	44.3	40%	54.2	Surface Area (mm <sup>2</sup> )		
20%	49.2	45%	55.5			
25%	50.3	50%	56.9	Unwound Core		
30%	51.6	60%	60.0			
35%	52.8	70%	63.4	40% Winding Factor		
				3,700		
				5,800		
Notes:						
Coating Temp (Continuous up to): 200°C						

