



# C058351A2HT15

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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	
60	80 ± 8%	XXXXXX	58351A2HT15	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	23.57	0.928	24.33	0.958	max	Cardboard cut-outs Box Qty = TBD
ID (B)	14.40	0.567	13.77	0.542	min	
HT (C)	13.99	0.551	15.00	0.591	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> )	Est. Weight (g)
	80%	50%							
900	90	170	2000	47.0	149	62.2	58.5	3,640	28.7

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		Coating Temp (Continuous up to): 200°C
				OD	27.1	
				HT	19.2	Notes:
				Completely Full Window		
				Max OD	28.5	
				Max HT	24.8	
0%	40.6	40%	47.6	Surface Area (mm <sup>2</sup> )		
20%	44.2	45%	48.7	Unwound Core		2,400
25%	45.0	50%	49.6	40% Winding Factor		3,200
30%	45.8	60%	51.8			
35%	46.8	70%	54.3			

### Typical DC Bias Performance

