



C058059A2HT15

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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	80 ± 8%	XXXXXX	58059A2HT15	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	22.86	0.900	23.62	0.930	max	Cardboard cut-outs Box Qty = TBD
ID (B)	13.97	0.550	13.34	0.525	min	
HT (C)	13.99	0.551	15.00	0.591	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT 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)	Est. Weight (g)
	80%	50%							
900	90	170	2000	39.0	140	60.1	56.7	3,410	26.9

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	26.4	Coating Temp (Continuous up to): 200°C
				HT	19.2			
				Completely Full Window		Max OD	27.8	Notes:
				Max HT	24.8			
0%	40.3	40%	47.2	Surface Area (mm ²)				
20%	43.7	45%	48.2	Unwound Core		2,300		
25%	44.6	50%	49.1	40% Winding Factor		3,100		
30%	45.3	60%	51.2					
35%	46.4	70%	53.7					

