



C058059A2HT14

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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	43 ± 8%	XXXXXX	58059A2HT14	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	22.86	0.900	23.62	0.930	max	Bulk Pack 4 bags/box Box Qty= 1000 pcs
ID (B)	13.97	0.550	13.34	0.525	min	
HT (C)	13.25	0.521	14.0	0.551	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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)	Weight (g)
	80%	50%							
900	90.0	170	>3000	39.0	139	52.7	56.7	3,000	24

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	25.7	Notes:
0%	38.4	40%	45.1	HT	17.7	
				Max OD	32.6	
20%	41.9	45%	46.2	Max HT	24.6	
25%	42.6	50%	47.3	Surface Area (mm ²)		
30%	43.4	60%	49.2	Unwound Core	2,700	
35%	44.4	70%	51.6	40% Winding Factor	4,100	

Typical DC Bias Performance

