



C058548A2HT19

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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	214 ± 8%	XXXXXX	58548A2HT19	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)	18	0.708	19	0.748	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%							
1000	46	81	3000	79.0	297	110.5	81.4	9000	75

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	25.3
				Completely Full Window	Max OD	46.7
					Max HT	35.5
0%	52.3	40%	62.2	Surface Area (mm ²)		
20%	57.2	45%	63.5			
25%	58.3	50%	64.9	Unwound Core		
30%	59.6	60%	68.0			
35%	60.8	70%	71.4	40% Winding Factor		
				6,400		
Notes:						

