



C058120A2HT14

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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	144 ± 8%	XXXXXX	58120A2HT14	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	16.51	0.650	17.27	0.680	max	Bulk Pack 4 bags/box Box Qty= 1000 pcs
ID (B)	10.16	0.400	9.53	0.375	min	
HT (C)	12.7	0.500	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%							
1000	46.0	81.0	1250	23.0	71.2	38.4	41.2	1,580	13

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	18.8	
				HT	17.1	Notes:
				Max OD	23.7	
				Max HT	22.1	
0%	35.8	40%	40.6	Surface Area (mm ²)		
20%	38.2	45%	41.3	Unwound Core		1,500
25%	38.8	50%	42.0	40% Winding Factor		2,000
30%	39.4	60%	43.5			
35%	40.0	70%	45.2			

