



0058190A2

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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	32 ± 8%	XXXXXX	58190A2	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	57.20	2.250	58.04	2.285	max	Cardboard cut-outs Box Qty= 80 pcs
ID (B)	26.40	1.039	25.57	1.007	min	
HT (C)	15.2	0.600	16.2	0.635	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm ³)	DC Bias typical (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)
	2600	80%							
	280	385	2000	163.0	514	229	125	28,600	180

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	62.0	Notes:
				HT	24.0	
				Completely Full Window		
				Max OD	75.7	
				Max HT	34.0	
0%	64.6	40%	77.8	Surface Area (mm ²)		
20%	71.2	45%	79.8	Unwound Core		8,500
25%	72.9	50%	81.6	40% Winding Factor		12,000
30%	74.1	60%	85.6			
35%	76.3	70%	90.1			

Typical DC Bias Performance

