



**0059894A2**

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Edge Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	75 ± 8%	XXXXXX	59894A2	N/A	Green

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	26.92	1.060	27.69	1.090	max	Cardboard cut-outs Box Qty= 400 pcs
ID (B)	14.73	0.580	14.10	0.555	min	
HT (C)	11.18	0.440	11.94	0.470	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 100mT max (mW/cm <sup>3</sup> )	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V <sub>AC</sub> )	Break Strength min (kg)	Window Area W <sub>a</sub> (mm <sup>2</sup> )	Cross Section A <sub>e</sub> (mm <sup>2</sup> )	Path Length L <sub>e</sub> (mm)	Volume V <sub>e</sub> (mm <sup>3</sup> )	Est. Weight (g)
	80%	50%							
525	100	180	3000	77.0	156	65.4	63.5	4,150	33.1

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	30.9	Coating Temp (Continuous up to): 200°C		
					HT	16.7			
0%	37.5	40%	44.8	Completely Full Window	Max OD	30.9	Notes:		
20%	41.1	45%	45.6		Max HT	21.5			
25%	42.1	50%	46.8	Surface Area (mm <sup>2</sup> )					
30%	42.8	60%	49.0	Unwound Core	2,500				
35%	43.8	70%	51.4	40% Winding Factor	3,500				

