



**0058327A2**

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High Flux Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	13 $\pm$ 8%	XXXXXX	58327A2	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	35.81	1.410	36.70	1.445	max	Cardboard cut-outs Box Qty= 220 pcs
ID (B)	22.35	0.880	21.54	0.848	min	
HT (C)	10.46	0.412	11.35	0.447	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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> )	Weight (g)
	80%	70%							
2600	280	385	3000	80	364	67.8	89.8	6,090	39.2

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	40.2			
					HT	18.4			
0%	37.9	40%	48.9	Completely Full Window	Max OD	51.1			
					Max HT	29.6			
20%	43.5	45%	50.6	Surface Area (mm <sup>2</sup> )					
25%	44.8	50%	52.0						
30%	46.0	60%	55.5						
35%	47.6	70%	59.3	Unwound Core	3,400				
				40% Winding Factor	5,700				
								Coating Temp (Continuous up to): 200°C	
								Notes:	

