



**0055111A9**

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MPP Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
26	33 ± 8%	XXXXXX	55111A9	N/A	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	57.15	2.250	58.42	2.300	max	Cardboard cut-outs Box Qty= 90 pcs
ID (B)	35.56	1.400	34.36	1.353	min	
HT (C)	13.97	0.550	15.24	0.602	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)
	800	80%							
	120	215	8000	107.0	927	144	143	20,700	160

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 460 °C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor		Coating Temp (Continuous up to): 200 °C
				OD	63.5	
				HT	25.9	Notes:
				Completely Full Window		
				Max OD	81.3	
0%	53.0	40%	71.0	Max HT	44.4	
20%	61.9	45%	73.2	Surface Area (mm <sup>2</sup> )		
25%	64.3	50%	76.0	Unwound Core		
30%	65.8	60%	81.3	7,700		
35%	68.7	70%	87.1	40% Winding Factor		13,000

### Typical DC Bias Performance

