



**0074351A7**

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Xflux Ultra Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	50 ± 8%	XXXXXX	74351A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	23.57	0.928	24.33	0.958	max	Bulk Pack 4 bags/box Box Qty= 720 pcs
ID (B)	14.40	0.567	13.77	0.542	min	
HT (C)	8.89	0.350	9.65	0.380	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50kHz, 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%							
575	90	160	2000	47.0	149	38.8	58.5	2,270	16.8

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 700°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor		Coating Temp (Continuous up to): 200°C
				OD	26.1	
				HT	14.3	Notes:
				Completely Full Window		
				Max OD	27.8	
0%	29.9	40%	36.7	Max HT	15.5	
20%	33.2	45%	37.7	Surface Area (mm <sup>2</sup> )		
25%	34.0	50%	37.1	Unwound Core		1,800
30%	34.9	60%	ERROR	40% Winding Factor		2,500
35%	35.8	70%	ERROR			

**Typical DC Bias Performance**

