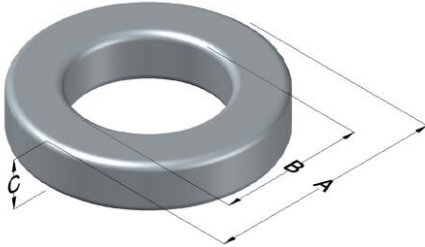




**0078776A7**

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XFLUX Permeability ( $\mu$ )	A <sub>L</sub> (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	135 ± 8%	XXXXXX	78776A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.95	3.108	max	Cardboard cut-outs
ID (B)	39.34	1.549	38.34	1.509	min	
HT (C)	25.85	1.018	26.85	1.057	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 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)
	850	80%							
	120	230							

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	OD	91.0	Coating Temp (Continuous up to): 200°C
					HT	45.4	
0%	94.3	40%	114	Completely Full Window	Max OD	117	Notes:
20%	104	45%	117		Max HT	69.3	
25%	107	50%	120	Surface Area (mm <sup>2</sup> )			
30%	109	60%	126	Unwound Core	19,000		
35%	112	70%	132	40% Winding Factor	32,000		

**Typical DC Bias Performance**

