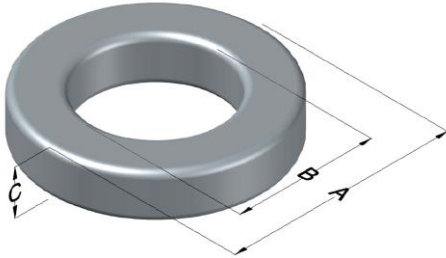




**0078338A7**

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XFLUX Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	105 ± 8%	XXXXXX	78338A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	132.6	5.219	134.0	5.274	max	Cardboard cut-outs Box Qty= 16 pcs
ID (B)	78.60	3.094	77.19	3.039	min	
HT (C)	25.40	1.000	26.80	1.055	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 100mT typ (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		Coating Temp (Continuous up to): 200°C
				OD	146	Notes:
				HT	50.7	
				Completely Full Window		
				Max OD	179	
				Max HT	78.8	
0%	110	40%	150	Surface Area (mm <sup>2</sup> )		
20%	130	45%	156	Unwound Core		36,000
25%	135	50%	162	40% Winding Factor		65,000
30%	139	60%	173			
35%	145	70%	187			

**Typical DC Bias Performance**

