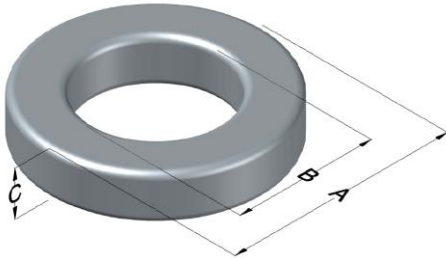




**0078096A7**

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XFLUX Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	167 ± 8%	XXXXXX	78096A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	101.6	4.000	103.0	4.055	max	Cardboard cut-outs Box Qty= 25 pcs
ID (B)	57.20	2.252	55.75	2.195	min	
HT (C)	16.5	0.650	17.9	0.705	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)
	80%	50%							
700	48.0	95.0	2000	181.0	2,470	358	243	86,900	635

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	112	Notes:
0%	82.2	40%	111	HT	34.9	
				Completely Full Window		
20%	96.8	45%	116	Max HT	55.1	
25%	100	50%	120	Surface Area (mm <sup>2</sup> )		
30%	103	60%	128	Unwound Core	20,000	
35%	108	70%	139	40% Winding Factor	36,000	

