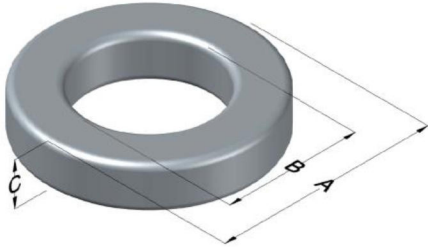




**0078870A7**

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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	
90	102 ± 8%	XXXXXX	78870A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.94	3.108	max	Cardboard cut-outs Box Qty= 45 pcs
ID (B)	49.23	1.938	48.21	1.898	min	
HT (C)	12.70	0.500	13.84	0.545	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	3000	141.0	1,820	176	196	34,500	248

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	86.6	Coating Temp (Continuous up to): 200°C	
				HT	29.1				
				Completely Full Window		Max OD	112	Notes:	
						Max HT	54.3		
				Surface Area (mm <sup>2</sup> )					
				Unwound Core		11,000			
				40% Winding Factor		23,000			

