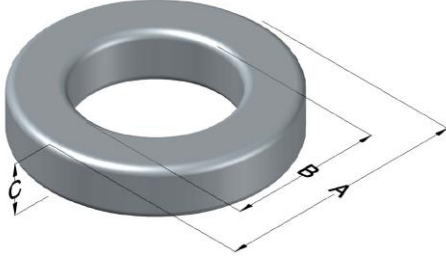




**0078072A7**

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XFlux Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	143 ± 8%	XXXXXX	78072A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	68.00	2.677	69.42	2.733	max	Cardboard cut-outs Box Qty= 35 pcs
ID (B)	35.99	1.417	34.67	1.365	min	
HT (C)	19.99	0.787	21.41	0.843	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%							
725	80.0	150	1000	181.0	945	314	158	49,700	340

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 700°C
Winding Factor	(mm)	Winding Factor	(mm)	Maximum OD (70%)	89.2	Coating Temp (Continuous up to): 200°C
				Maximum HT (70%)	45.4	
0%	77.7	40%	95.7	Surface Area (mm <sup>2</sup> )		Notes:
20%	86.6	45%	97.9	Unwound Core		
25%	89.0	50%	100.1	12,700		
30%	90.5	60%	106	40% Winding Factor		
35%	93.4	70%	112	18,400		

**Typical DC Bias Performance**

