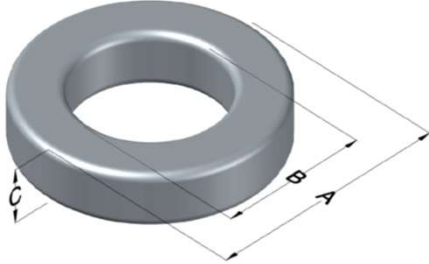




**0078600A7S01**

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Xflux Si Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	83 $\pm$ 8%	XXXXXX	78600A7S01	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	59.60	2.346	60.60	2.385	max	Cardboard cut-outs Box Qty= 63 pcs
ID (B)	34.00	1.338	33.00	1.299	min	
HT (C)	19.50	0.767	20.50	0.807	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50kHz, 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> )	Est. Weight (g)
	80%	50%							
925	140	250	3000	154	855	237	143	33,900	233

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	Coating Temp (Continuous up to): 200°C
					HT	
0%	68.6	40%	85.5	Completely Full Window	Max OD	Notes:
20%	77.3	45%	88.2		Max HT	
25%	79.2	50%	90.5	Surface Area (mm <sup>2</sup> )		
30%	81.2	60%	95.8	Unwound Core	10,000	
35%	83.6	70%	102	40% Winding Factor	15,000	

