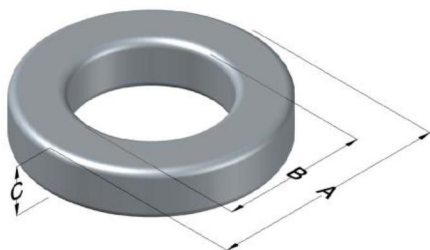




0078381A7S01

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XFLUX Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	43 $\pm$ 8%	XXXXXX	78381A7S01	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	17.27	0.680	18.03	0.710	max	Bulk Pack 4 bags/box Box Qty= 2000 pcs
ID (B)	9.65	0.380	9.02	0.355	min	
HT (C)	6.35	0.250	7.11	0.280	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 100mT max(mW/cm³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm²)	Cross Section A _e (mm²)	Path Length L _e (mm)	Volume V _e (mm³)	Weight (g)
900	80%	50%	2000	28.0	63.8	23.2	41.4	960	7.2000
	100	170							

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	19.6	Coating Temp (Continuous up to): 200°C	
					HT	10.1		
				Completely Full Window	Max OD	24.9		Notes:
					Max HT	16.3		
0%	23.2	40%	28.0	Surface Area (mm²)				
20%	25.6	45%	28.6					
25%	26.2	50%	29.3					
30%	26.6	60%	30.8	Unwound Core		990		
35%	27.4	70%	32.4	40% Winding Factor		1,400		

Typical DC Bias Performance

