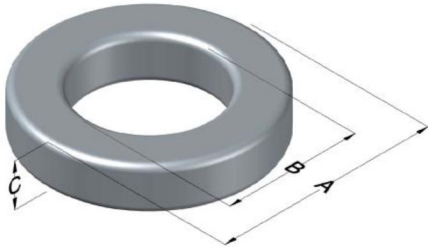




0078439A7X3

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XFlux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	405 \pm 8%	XXXXXX	78439A7X3	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	46.74	1.840	47.63	1.875	max	Cardboard cut-outs Box Qty= TBD
ID (B)	24.13	0.950	23.32	0.918	min	
HT (C)	54.75	2.126	55.50	2.197	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 100mT max (mW/cm ³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm ²)	Cross Section A _e (mm ²)	Path Length L _e (mm)	Volume V _e (mm ³)	Weight (g)
	80%	50%							
725	80	150	3000	233	427	606	107	63,900	447

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 500°C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor		Coating Temp (Continuous up to): 200°C
				OD	51.2	Notes: 3 PIECES OF 78439 CORES COATED TOGETHER
0%	134	40%	146	HT	62.0	
				Completely Full Window		
20%	140	45%	148	Max HT	74.7	
Surface Area (mm ²)						
25%	142	50%	150	Unwound Core		
30%	143	60%	153	40% Winding Factor		
35%	145	70%	157			

