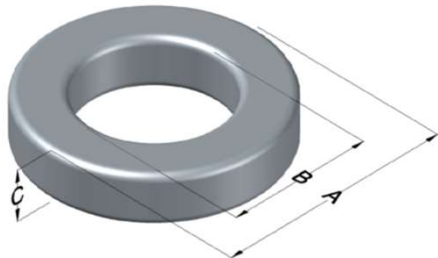




0077439A7X2

110 Delta Drive
Pittsburgh, PA 15238
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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	162 ± 8%	XXXXXX	77439A7X2	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	39.88	1.570	41.07	1.617	max	Cardboard cut-outs Box Qty = TBD
ID (B)	24.13	0.950	22.72	0.894	min	
HT (C)	28.96	0.570	30.35	1.195	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 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)
750	80%	50%	3000	126.0	405	217	98.5	42,700	129
	39	87							

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	OD	45.9	Coating Temp (Continuous up to): 200°C
					HT	37.6	
				Completely Full Window	Max OD	48.3	Notes:
					Max HT	47.2	
				0%	79.1	40%	
20%	84.9	45%	92.4				
25%	86.4	50%	94.1				
30%	87.5	60%	97.6	Unwound Core		7,900	
35%	89.3	70%	102	40% Winding Factor		10,000	

Typical DC Bias Performance

