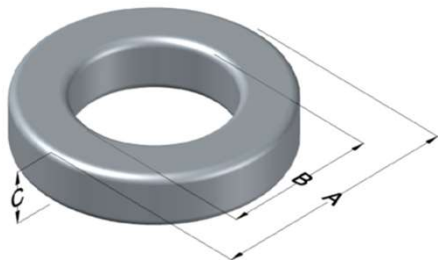




0077439A7X2

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Pittsburgh, PA 15238
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HK Sales : (852)3102-9337
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Kool Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
75	202 ± 8%	XXXXXX	77439A7X2	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty = TBD
	(mm)	(in)	(mm)	(in)		
OD (A)	39.88	1.570	41.07	1.617	max	
ID (B)	24.13	0.950	22.72	0.894	min	
HT (C)	28.96	1.140	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	21,400	136
	28	64							

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

