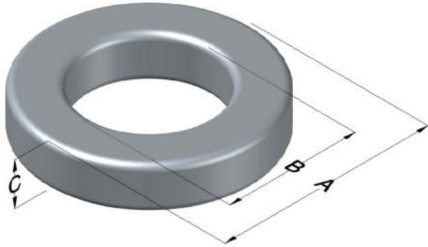




0078736A7

110 Delta Drive
 Pittsburgh, PA 15238
 NAFTA Sales: (1)800-245-3984
 HK Sales : (852)3102-9337
 magnetics@spang.com
 www.mag-inc.com



Kool M μ MAX Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	136 ± 8%	XXXXXX	78736A7	N/A	Brown

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	74.09	2.917	75.21	2.961	max	Cardboard cut-outs Box Qty= 24 pcs
ID (B)	45.29	1.783	44.40	1.748	min	
HT (C)	35.00	1.378	35.92	1.414	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50 kHz, 100mT max (mW/cm ³)	DC Bias min (A-T/cm)		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)
	850	80%							
	120	230							

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	91.0	Coating Temp (Continuous up to): 200°C
				HT	55.2			
0%	102	40%	125	Completely Full Window		Max OD	102	Notes:
20%	114	45%	129			Max HT	65.7	
25%	117	50%	132	Surface Area (mm ²)				
30%	119	60%	139	Unwound Core		19,000		
35%	122	70%	147	40% Winding Factor		33,000		

