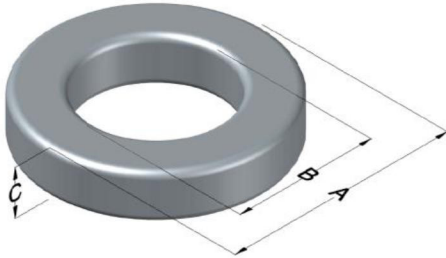




0077338A7

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 Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
40	105 ± 8%	XXXXXX	77338A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	132.56	5.219	133.96	5.274	max	Cardboard cut-outs Box Qty= 16 pcs
ID (B)	78.59	3.094	77.19	3.039	min	
HT (C)	25.40	1.000	26.80	1.055	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 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%							
900	58.5	133	3000	227.0	4,710	678	324	220,000	1,200

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	146	
				HT	50.7	Notes:
				Max OD	179	
				Max HT	78.8	
0%	110	40%	150	Completely Full Window		
20%	130	45%	156	Surface Area (mm ²)		
25%	135	50%	162			
30%	139	60%	173	Unwound Core	36,000	
35%	145	70%	187	40% Winding Factor	65,000	

