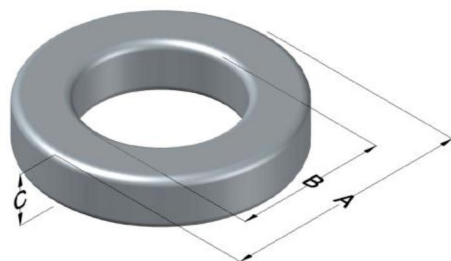




0077825A7

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 Mμ Permeability (μ)	A _L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
75	30 ± 12%	XXXXXX	825	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	6.35	0.250	6.99	0.275	max	Bulk Pack 4 bags/box Box Qty= 10,000 pcs
ID (B)	2.79	0.110	2.29	0.090	min	
HT (C)	2.79	0.110	3.43	0.135	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V _{AC})	Break Strength min (kg)	Window Area W _A (mm²)	Cross Section A _e (mm²)	Path Length L _e (mm)	Volume V _e (mm³)	Weight (g)
750	80%	50%	1250	7.3	4.08	4.70	13.6	64.0	0.3744
	28.0	64.0							

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	7.34	Coating Temp (Continuous up to): 200°C	
					HT	4.12		
				Completely Full Window	Max OD	8.81	Notes:	
					Max HT	5.38		
0%	11.6	40%	12.8	Surface Area (mm²)				
20%	12.2	45%	12.9					
25%	12.3	50%	13.1					
30%	12.4	60%	13.4	Unwound Core		170		
35%	12.6	70%	13.9	40% Winding Factor		200		

Typical DC Bias Performance

