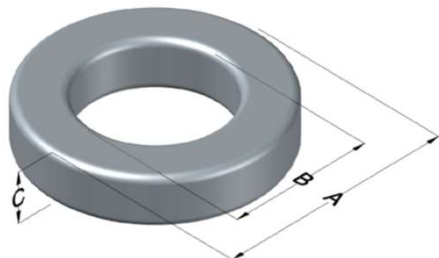




0075392A7

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



75 Series Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	122 $\pm$ 8%	XXXXXX	75392A7	N/A	Black

Dimensions	Uncoated		Coated Limits			Packaging Cardboard cut-outs Box Qty= 160 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	40.13	1.580	40.94	1.612	max	
ID (B)	22.08	0.869	21.27	0.837	min	
HT (C)	17.00	0.669	17.89	0.704	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50kHz, 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)
720	80%	50%	3000	450	355	153	95	14,600	102
	60	135							

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	45.3	Coating Temp (Continuous up to): 200°C
					HT	24.5	
				Completely Full Window	Max OD	47.5	Notes:
					Max HT	33.3	
				0%	55.5	40%	
20%	61.0	45%	68.1				
25%	62.3	50%	69.5				
30%	63.5	60%	72.8 <th colspan="2">Unwound Core</th> <td>5,400</td>	Unwound Core		5,400	
35%	65.1	70%	76.7 <th colspan="2">40% Winding Factor</th> <td>7,500</td>	40% Winding Factor		7,500	

Typical DC Bias Performance

