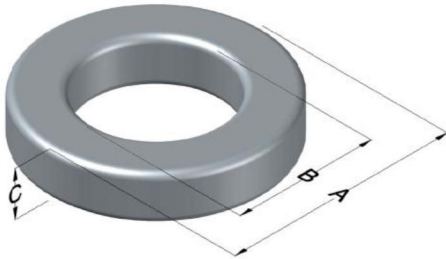




# C055076A9

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



MPP Permeability ( $\mu$ )	$A_L$ (nH/T <sup>2</sup> )	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
60	56 ± 8%	XXXXXX	55076A9	X	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	35.81	1.410	37.08	1.460	max	Cardboard cut-outs Box Qty= 220 pcs
ID (B)	22.35	0.880	21.16	0.833	min	
HT (C)	10.46	0.412	11.73	0.462	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm <sup>3</sup> )	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V <sub>AC</sub> )	Break Strength min (kg)	Window Area W <sub>A</sub> (mm <sup>2</sup> )	Cross Section A <sub>e</sub> (mm <sup>2</sup> )	Path Length L <sub>e</sub> (mm)	Volume V <sub>e</sub> (mm <sup>3</sup> )	Weight (g)
	80%	50%							
700	50	94	8000	50	350	67.8	89.8	6,090	49

Winding Information					Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 460 °C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor		Coating Temp (Continuous up to): 200 °C
				OD	40.2	Notes:
				HT	18.4	
				Completely Full Window		
				Max OD	51.1	
				Max HT	29.6	
				Surface Area (mm <sup>2</sup> )		
				Unwound Core	3,400	
				40% Winding Factor	5,700	
0%	37.9	40%	48.9			
20%	43.5	45%	50.6			
25%	44.8	50%	52.0			
30%	46.0	60%	55.5			
35%	47.6	70%	59.3			

