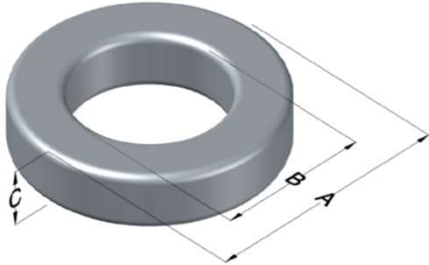




**0055331A2**

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	
90	236 ± 8%	XXXXXX	55331A2	N/A	Grey

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 @ 100kHz, 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)
	800	80%							
	30	55	3000	227.0	4,680	677	324.3	219,000	1,620

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	OD	150
					HT	50.2
0%	110	40%	149	Completely Full Window	Max OD	157
20%	130	45%	156		Max HT	81.4
25%	135	50%	161	Surface Area (mm <sup>2</sup> )		
30%	139	60%	173	Unwound Core	37,000	
35%	145	70%	186	40% Winding Factor	63,000	
Coating Temp (Continuous up to): 200°C						
Notes:						

