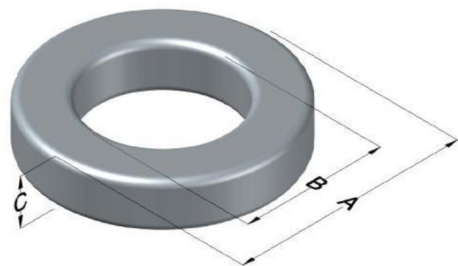




C055235A9

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 (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
300	130 $\pm$ 8%	XXXXXX	235	X	Gray

Dimensions						Packaging Bulk Pack: 4 bags/box Box Qty = 10000 Pcs
Uncoated			Coated Limits			
	(mm)	(in)	(mm)	(in)		
OD (A)	6.60	0.260	7.62	0.300	max	
ID (B)	2.67	0.105	1.78	0.070	min	
HT (C)	2.54	0.100	3.56	0.140	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100kHz, 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%							
1050	8.50	17.5	8000	11.3	3.63	4.76	13.6	64.9	0.9740

Winding Information						Temperature Rating		
Winding Length per Turn				Wound Coil Dimensions (mm)			Curie Temp (°C):	460 °C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	7.41	Coating Temp: (Continuous, up to; °C)	200 °C
					HT	3.87		
0%	11.4	40%	12.6	Completely Full Window	Max OD	9.12	Notes:	
20%	12.0	45%	12.7		Max HT	5.13		
25%	12.2	50%	12.9	Surface Area (mm²)				
30%	12.3	60%	13.2	Unwound Core:	170			
35%	12.4	70%	13.6	40% Wound:	190			

Typical DC Bias Performance

