



C058129A2

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



High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
147	63 ± 8%	XXXXXX	129A2	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	11.18	0.440	11.81	0.465	max	Bulk Pack 4 bags/box Box Qty= 6000 pcs
ID (B)	6.35	0.250	5.84	0.230	min	
HT (C)	3.96	0.156	4.60	0.181	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm ³)	DC Bias typical (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%							
1500	38.0	65.0	1250	12.0	26.8	9.06	26.9	244	2.0400

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	12.9	
						HT	6.53	
				Completely Full Window		Max OD	15.7	
						Max HT	8.97	
				Surface Area (mm ²)			Notes:	
				Unwound Core		420		
				40% Winding Factor		600		
0%	15.2	40%	18.1				Coating Temp (Continuous up to): 200°C	
20%	16.7	45%	18.6					
25%	17.0	50%	19.0					
30%	17.4	60%	19.9					
35%	17.8	70%	20.9					

