



C058039A2

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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
147	78 ± 8%	XXXXXX	039A2	X	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	10.16	0.400	10.80	0.425	max	Bulk Pack 4 bags/box Box Qty= 8000 pcs
ID (B)	5.08	0.200	4.57	0.180	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	16.4	9.57	23.0	220	1.8000

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	11.5
					HT	5.96
0%	15.4	40%	17.8	Completely Full Window	Max OD	14.1
20%	16.6	45%	18.1		Max HT	8.46
25%	16.9	50%	18.4	Surface Area (mm ²)		
30%	17.1	60%	19.2	Unwound Core	370	
35%	17.5	70%	20.0	40% Winding Factor	480	
Coating Temp (Continuous up to): 200°C						
Notes:						

