



0058283A2

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High Flux Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	6 ± 8%	XXXXXX	283A2	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	9.65	0.380	10.29	0.405	max	Bulk Pack 4 bags/box Box Qty= 8000 pcs
ID (B)	4.78	0.188	4.27	0.168	min	
HT (C)	3.18	0.125	3.81	0.150	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 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)
	90%	70%							
2600	180	385	1250	10.0	14.3	7.52	21.8	164	1.0400

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	11.0	
				HT	5.17	Notes:
				Completely Full Window		
				Max OD	13.4	
0%	13.6	40%	15.9	Max HT	7.44	
20%	14.7	45%	16.2	Surface Area (mm ²)		
25%	15.0	50%	16.5	Unwound Core		310
30%	15.3	60%	17.2	40% Winding Factor		410
35%	15.6	70%	17.9			

