0058869A2

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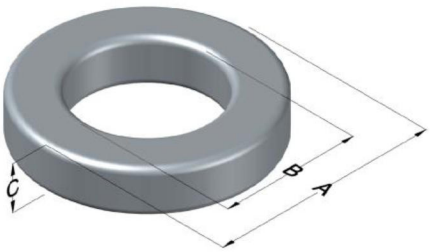
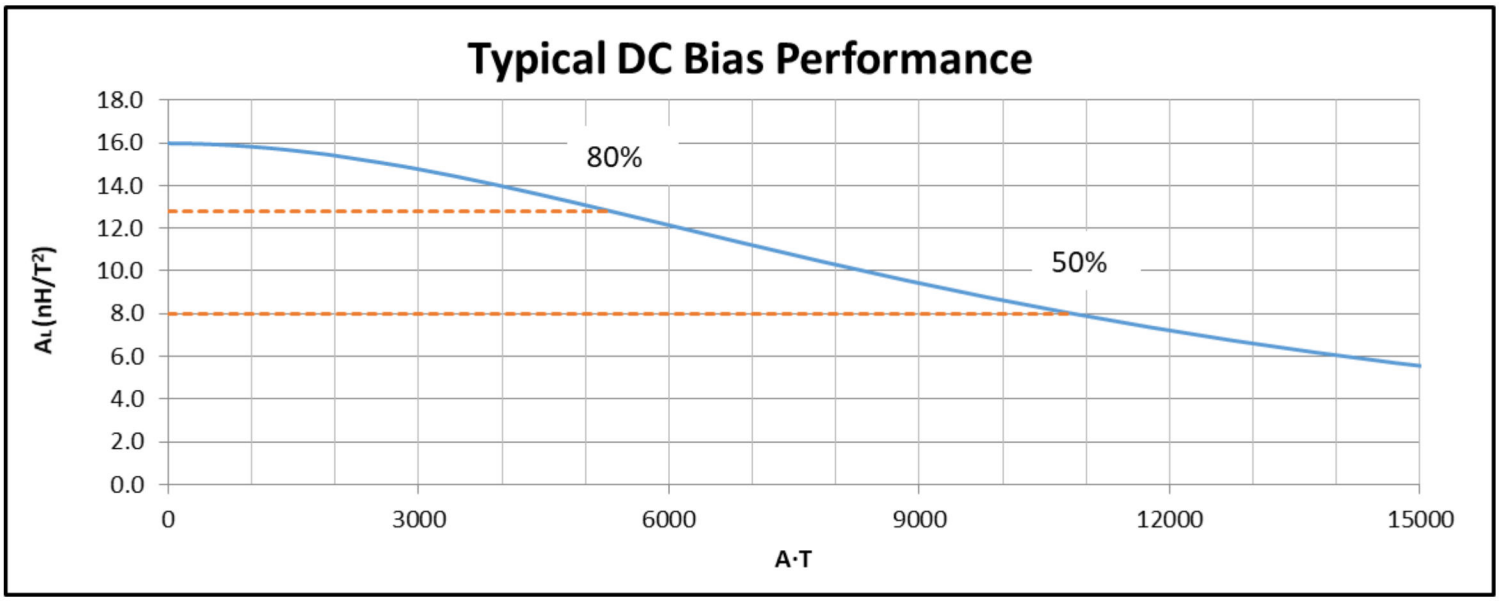


High Flux Permeability (μ)	A_L (nH/T²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
14	16 ± 8%	XXXXXX	58869A2	N/A	Khaki

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	77.80	3.063	78.94	3.108	max	Cardboard cut-outs Box Qty= 45 pcs
ID (B)	49.20	1.938	48.21	1.898	min	
HT (C)	12.70	0.500	13.84	0.545	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max (mW/cm³)	DC Bias min (oersteds)		Voltage Breakdown wire to wire min (V_{AC})	Break Strength min (kg)	Window Area W_A(mm²)	Cross Section A_e (mm²)	Path Length L_e (mm)	Volume V_e (mm³)	Weight (g)
2600	90%	70%	3000	140.0	1,820	176	196.1	34,500	290
	180	385							

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	86.6	Coating Temp (Continuous up to): 200˚C
					HT	29.1	
				Completely Full Window	Max OD	112	Notes:
0%	58.4	40%	83.5		Max HT	54.3	
20%	70.9	45%	86.7	Surface Area (mm²)			
25%	74.1	50%	90.4				
30%	76.3	60%	98.1	Unwound Core	11,000		
35%	80.4	70%	107	40% Winding Factor	23,000