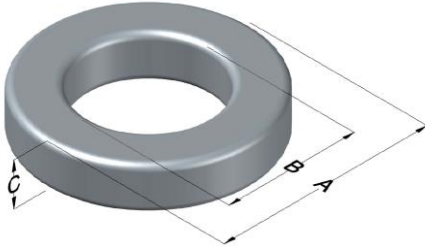




C055930W4

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
125	157 ± 8%	XXXXXX	55930W4	X	Gray

Dimensions	Uncoated		Coated Limits			Packaging
	(mm)	(in)	(mm)	(in)		
OD (A)	26.90	1.060	27.69	1.090	max	Cardboard cut-outs Box Qty= 400 pcs
ID (B)	14.7	0.580	14.1	0.555	min	
HT (C)	11.2	0.440	12.0	0.470	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)
	80%	50%							
900	25.0	48.5	2000	77.0	156	65.4	63.5	4,150	36

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	30.0
				Completely Full Window	HT	16.5
0%	37.5	40%	44.6		Max OD	37.3
20%	41.1	45%	45.7	Max HT	24.0	
25%	41.9	50%	46.6	Surface Area (mm ²)		Notes: W4 stabilization: Controlled stabilization with Inductance stability limits of +/- 0.25% over temperature range -55°C to +85°C measured at low drive level (<10mT). For power inductors use standard stabilization, A2.
30%	42.8	60%	48.8	Unwound Core	2,400	
35%	43.8	70%	51.3	40% Winding Factor	3,500	
Coating Temp (Continuous to): 200 °C						

