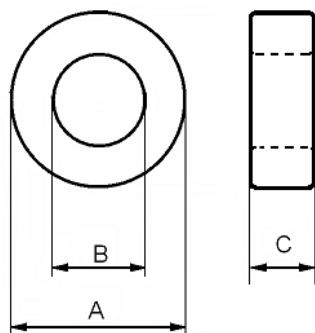




C055204A2

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MPP Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
160	87 $\pm$ 8%	XXXXXX	55204A2	X	Gray

Dimensions	Uncoated		Coated Limits			Packaging Bulk Pack 4 bags/box Box Qty= 1600 pcs
	(mm)	(in)	(mm)	(in)		
OD (A)	20.3	0.800	21.1	0.830	max	
ID (B)	12.7	0.500	12.0	0.475	min	
HT (C)	6.35	0.250	7.12	0.280	max	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 100 kHz, 100mT max(mW/cm ³)	DC Bias min (A-T/cm)		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)
950	80%	50%	1000	17	114	22.1	50.9	1,120	9.6
	16.6	31.0							

Winding Information						Temperature Rating	
Winding Length Per Turn				Wound Coil Dimensions (mm)		Curie Temp: 460 °C	
Winding Factor	(mm)	Winding Factor	(mm)			Coating Temp (Continuous up to): 200 °C	
				Maximum OD (70%)		29.2	
0%		23.3		40%		29.5	
20%		26.4		45%		30.5	
25%		27.2		50%		31.3	
30%		27.8		60%		33.2	
35%		28.8		70%		35.4	
				Maximum HT (70%)		16.5	
				Surface Area (mm²)			
				Unwound Core		1,210	
				40% Winding Factor		1,890	
						Notes:	

Typical DC Bias Performance

