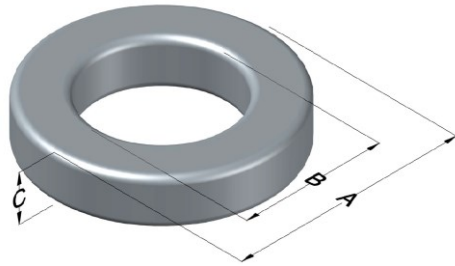




0078730A7

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XFLUX Permeability (μ)	A_L (nH/T ²)	Core Marking			Coating Color
		Lot Number	Part Number	Inductance Grade	
90	263 ± 8%	XXXXXX	78730A7	N/A	Brown

Dimensions					Packaging
Uncoated			Coated Limits		
	(mm)	(in)	(mm)	(in)	
OD (A)	50.55	1.990	51.31	2.020	
ID (B)	24.89	0.980	23.88	0.940	
HT (C)	21.08	0.830	21.59	0.850	

Electrical Characteristics			Physical Characteristics						
Watt Loss @ 50kHz, 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%							
700	48	95	2000	95.2	448	262	113.5	29700	298.1

Winding Information					Temperature Rating	
Winding Length per Turn			Wound Coil Dimensions (mm)		Curie Temp (°C):	700 °C
Winding Factor	(mm)	Winding Factor	(mm)	40% Winding Factor	OD	64.0
0%	131.0	40%	143.0	Completely Full Window	HT	39.6
20%	137.0	45%	145.0		Max OD	72.0
25%	138.0	50%	147.0	Surface Area (mm ²)	Max HT	42.0
30%	140.0	60%	150.0		Unwound Core:	23310
35%	142.0	70%	155.0		40% Wound:	33600

