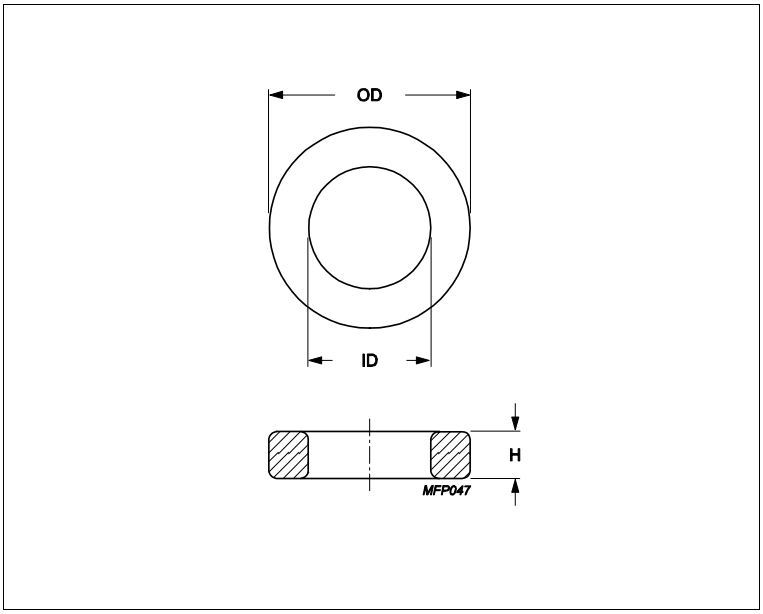
Core **Toroid 55/32/18**



Effective parameters			
	Parameter	**Value**	**Unit**
Σ(I/A)	*core factor (C1)*	0.651	mm^{-1}
Ve	*effective volume*	26580	mm^3
Le	*effective length*	132	mm
Ae	*effective area*	202	mm^2
m	*mass of core*	≈ 134	g/pcs

Epoxy coating DC isolation voltage 2000.

Maximum operating temperature of the coating is 200ºC.

Dimensions (mm)				
Cores	**OD**	**ID**	**H**	
T55/32/18	55.4 ± 1.6	32.4 ± 0.9	18 ± 0.7	Uncoated
TX55/32/18	57.5 max	31.1 min	19.2 max	Epoxy Coated

Core data				
Cores	**Material**	**Al (nH/turns²)**	**Al tolerance**	**μe**
T55/32/18	3C94	4440	± 25%	≈ 2300
T55/32/18	3E10	18400	± 20%	≈ 9500
T55/32/18	3E27	10600	± 25%	≈ 5500
T55/32/18	3E6 (3E10-M)	18400	± 30%	≈ 9500
T55/32/18	3E65	10000	± 25%	≈ 5200
Core data				
Cores	**Material**	**Al (nH/turns²)**	**Al tolerance**	**μe**
TX55/32/18	3C94	4440	± 25%	≈ 2300
TX55/32/18	3E10	18400	± 20%	≈ 9500
TX55/32/18	3E27	10600	± 25%	≈ 5500
TX55/32/18	3E6 (3E10-M)	18400	± 30%	≈ 9500
TX55/32/18	3E65	10000	± 25%	≈ 5200