

Core **Toroid 63/38/25**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.497	mm ⁻¹
Ve	effective volume	46500	mm ³
Le	effective length	152	mm
Ae	effective area	306	mm ²
m	mass of core	≈ 220	g/pcs

Epoxy coating DC isolation voltage 2000.

Maximum operating temperature of the coating is 200°C.

Dimensions (mm)

Cores	OD	ID	H	
T63/38/25	63 ± 2	38 ± 1.2	25 ± 0.8	Uncoated
TX63/38/25	65.5 max	36.4 min	26.3 max	Epoxy Coated

Core data

Cores	Material	AI (nH/turns ²)	AI tolerance	μe
T63/38/25	3C11	11000	± 25%	≈ 4300
T63/38/25	3C94	5900	± 25%	≈ 2300
T63/38/25	3E10	24400	± 20%	≈ 9500
T63/38/25	3E26 (3E27-M7)	17900	± 25%	≈ 7000
T63/38/25	3E27	14100	± 25%	≈ 5500
T63/38/25	3E6 (3E10-M)	24400	± 30%	≈ 9500

Core data

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