

Core **Toroid 6.3/3.8/2.5**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	4.97	mm ⁻¹
Ve	effective volume	46.5	mm ³
Le	effective length	15.2	mm
Ae	effective area	3.06	mm ²
m	mass of core	≈ 0.23	g/pcs

Epoxy coating DC isolation voltage 1000.

Maximum operating temperature of the coating is 90°C.

Dimensions (mm)

Cores	OD	ID	H	
TC6.3/3.8/2.5	6.45 max	3.65 min	2.65 max	Parylen Coated

Core data

Cores	Material	Al (nH/turns ²)	Al tolerance	$\mu\epsilon$
TC6.3/3.8/2.5	3E27	1390	± 25%	≈ 5500
TC6.3/3.8/2.5	3E6 (3E10-M)	2530	± 30%	≈ 10000