

Core **Toroid 4/2.2/1.6**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	6.56	mm ⁻¹
Ve	effective volume	12.9	mm ³
Le	effective length	9.18	mm
Ae	effective area	1.4	mm ²
m	mass of core	≈ 0.06	g/pcs

Epoxy coating DC isolation voltage 1000.

Maximum operating temperature of the coating is 90°C.

Dimensions (mm)

Cores	OD	ID	H	
TC4/2.2/1.6	4.15 max	2.1 min	1.7 max	Parylen Coated

Core data

Cores	Material	Al (nH/turns ²)	Al tolerance	$\mu\epsilon$
TC4/2.2/1.6	3E27	1050	± 25%	≈ 5500
TC4/2.2/1.6	3E6 (3E10-M)	1910	± 30%	≈ 10000