

## Core **Toroid 14/9/5**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	2.84	mm <sup>-1</sup>
<b>Ve</b>	effective volume	430	mm <sup>3</sup>
<b>Le</b>	effective length	35	mm
<b>Ae</b>	effective area	12.3	mm <sup>2</sup>
<b>m</b>	mass of core	≈ 2.1	g/pcs

Epoxy coating DC isolation voltage 1500.

Maximum operating temperature of the coating is 200°C.

### Dimensions (mm)

Cores	OD	ID	H	
<b>TX14/9/5</b>	14.65 max	8.4 min	5.55 max	Epoxy Coated

### Core data

Cores	Material	AI (nH/turns <sup>2</sup> )	AI tolerance	$\mu\epsilon$
<b>TX14/9/5</b>	3C94	1020	± 25%	≈ 2300
<b>TX14/9/5</b>	3E10	4420	± 20%	≈ 10000
<b>TX14/9/5</b>	3E12	5310	± 30%	≈ 12000
<b>TX14/9/5</b>	3E27	2430	± 25%	≈ 5500
<b>TX14/9/5</b>	3E6 (3E10-M)	4420	± 30%	≈ 10000
<b>TX14/9/5</b>	3E65	2300	± 25%	≈ 5200