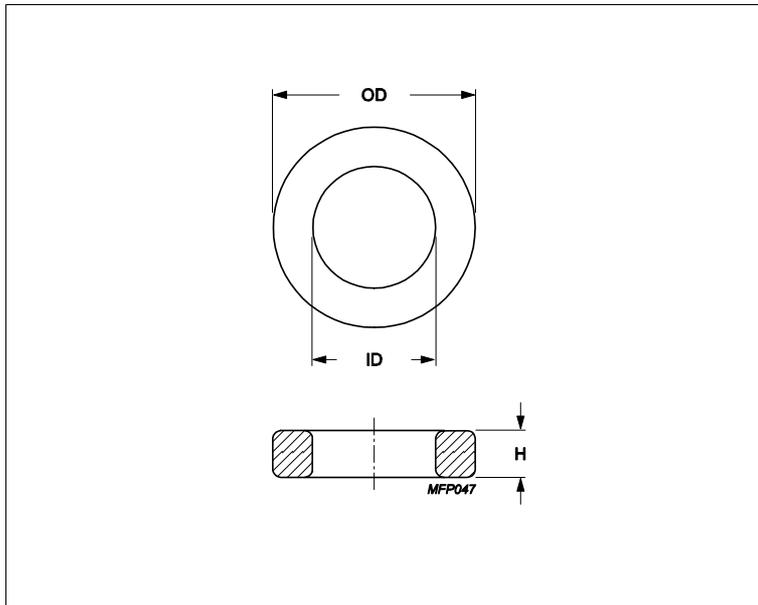


## Core **Toroid 4/2.2/1.6**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	6.56	mm <sup>-1</sup>
<b>Ve</b>	effective volume	12.9	mm <sup>3</sup>
<b>Le</b>	effective length	9.18	mm
<b>Ae</b>	effective area	1.4	mm <sup>2</sup>
<b>m</b>	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	
<b>TC4/2.2/1.6</b>	4.15 max	2.1 min	1.7 max	Parylen Coated

### Core data

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