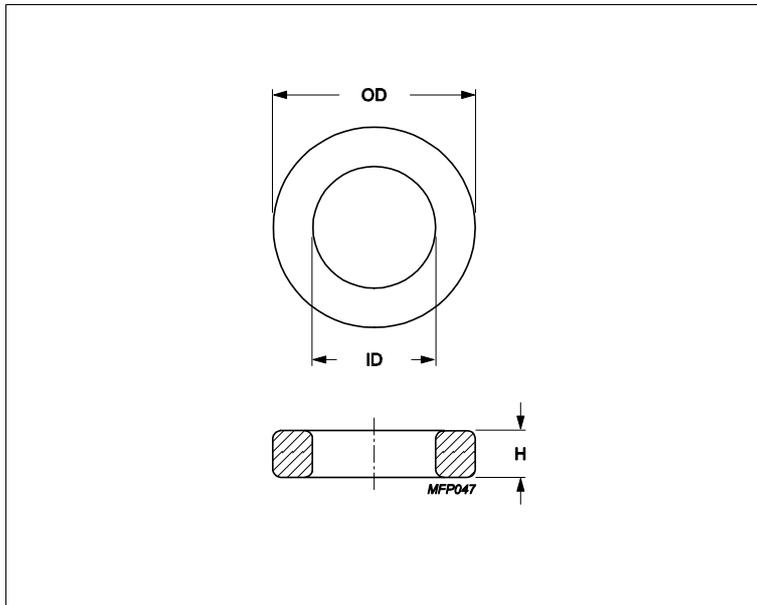


## Core **Toroid 40/24/16**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor (C1)	0.769	mm <sup>-1</sup>
<b>Ve</b>	effective volume	12100	mm <sup>3</sup>
<b>Le</b>	effective length	96.3	mm
<b>Ae</b>	effective area	125	mm <sup>2</sup>
<b>m</b>	mass of core	≈ 62	g/pcs

Epoxy coating DC isolation voltage 2000.

Maximum operating temperature of the coating is 200°C.

### Dimensions (mm)

Cores	OD	ID	H	
<b>TX40/24/16</b>	41.65 max	22.85 min	17.1 max	Epoxy Coated

### Core data

Cores	Material	AI (nH/turns <sup>2</sup> )	AI tolerance	$\mu\epsilon$
<b>TX40/24/16</b>	3C94	3750	± 25%	≈ 2300
<b>TX40/24/16</b>	3E10	16300	± 20%	≈ 10000
<b>TX40/24/16</b>	3E12	19600	± 30%	≈ 12000
<b>TX40/24/16</b>	3E27	8970	± 25%	≈ 5500
<b>TX40/24/16</b>	3E6 (3E10-M)	16300	± 30%	≈ 10000
<b>TX40/24/16</b>	3E65	8480	± 25%	≈ 5200