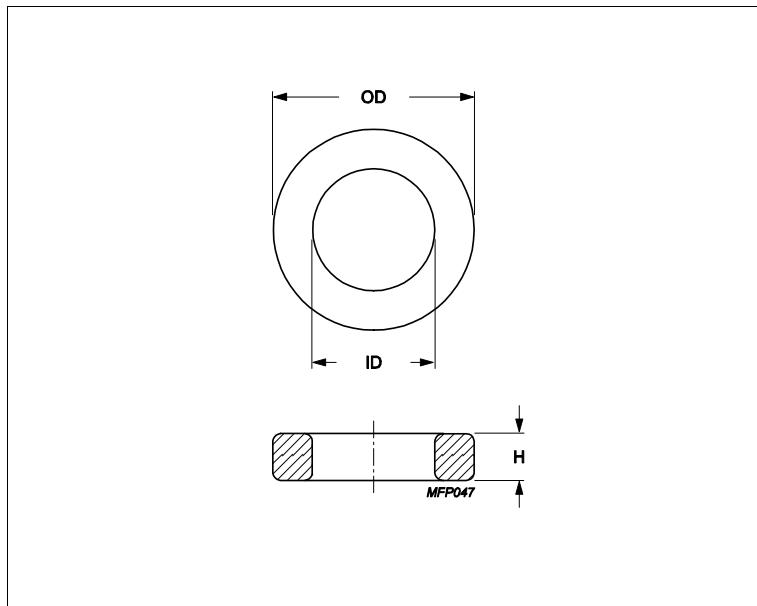


# Product specifications

## Core **Toroid 42/26/13**



Effective parameters			
	Parameter	Value	Unit
$\Sigma(I/A)$	core factor ( $C_1$ )	1.076	$\text{mm}^{-1}$
$V_e$	effective volume	9860	$\text{mm}^3$
$L_e$	effective length	103	mm
$A_e$	effective area	95.8	$\text{mm}^2$
$m$	mass of core	≈ 53	g/pcs

Epoxy coating DC isolation voltage 2000.

Maximum operating temperature of the coating is 200°C.

### Dimensions (mm)

Cores	OD	ID	H	
TX42/26/13	43.15 max	25.15 min	13.5 max	Epoxy Coated

### Core data

Cores	Material	AI (nH/turns <sup>2</sup> )	AI tolerance	$\mu\text{e}$
TX42/26/13	3C94	2800	± 25%	≈ 2300
TX42/26/13	3E10	12200	± 20%	≈ 10000
TX42/26/13	3E12	14600	± 30%	≈ 12000
TX42/26/13	3E27	6710	± 25%	≈ 5500
TX42/26/13	3E6 (3E10-M)	12200	± 30%	≈ 10000
TX42/26/13	3E65	6340	± 25%	≈ 5200