

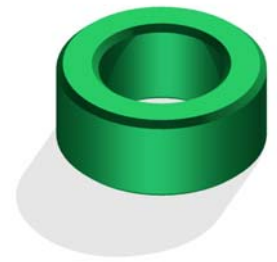
# TORIDAL FERRITE CORE

TEMC1607\*

## General core information

Effective Parameters irrespective of material grade (per set)

- Effective Length ( $L_e$ ) 38.50mm
- Effective Area ( $A_e$ ) 22.00mm<sup>2</sup>
- Effective Area ( $A_{Min}$ ): 22.00mm<sup>2</sup>
- Effective Volume ( $V_e$ ): 847mm<sup>3</sup>
- Approximate weight: 4.5grm



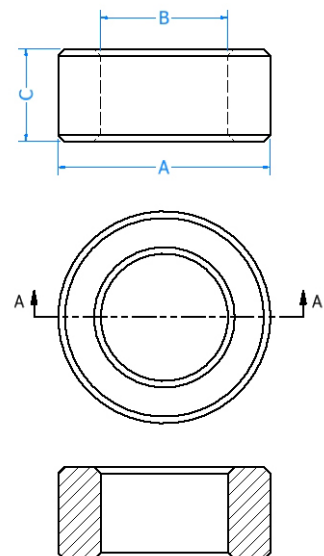
## Technical Specifications (Coated)

Material	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH)	D. Strength (Kv)	Ordering code
TF195A	5000 $\pm$ 20%	3600+30%/-20%	$\geq$ 2.0	TEMC1607C

Test Conditions: 10 KHz/150mV/N=01/Lo=Zero/25°C

## Dimensions (Uncoated)

Dimension	Nominal (mm)	Maximum (mm)	Minimum (mm)
A	16.00	16.40	15.60
B	9.60	9.90	9.30
C	7.0	7.2	6.8



SECTION A-A  
SCALE 5 : 1

## Dimensions (coated)

Dimension	Nominal (mm)	Maximum (mm)	Minimum (mm)
A	-	16.9	-
B	-	-	8.8
C	-	7.7	-

## Part ordering codes:

TEMC1607U – Uncoated Core  
TEMC1607C – Coated Core

## STANDARDS & REGULATIONS

The coating material for the product is in compliance with RoHS directive 2002/95/EC.  
The ferrite material is in compliance with RoHS directive 2002/95/EC.