

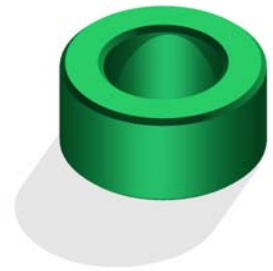
TORIDAL FERRITE CORE

TEMC3819*

General core information

Effective Parameters irrespective of material grade (per set)

- Effective Length (L_e) 89.7mm
- Effective Area (A_e) 144.00mm²
- Effective Area (A_{Min}): 144.00mm²
- Effective Volume (V_e): 12953mm³
- Approximate weight: 66grm



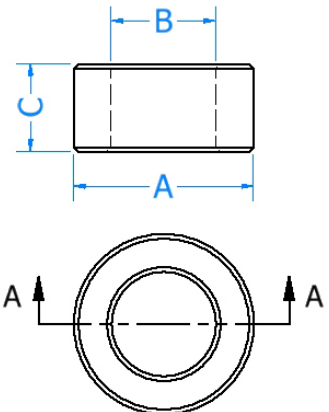
Technical Specifications (Coated)

| Material | Initial Permeability (μ_{iac}) | AL Value (nH) | D. Strength (Kv) | Ordering code |
|----------|--------------------------------------|----------------|------------------|---------------|
| TF195A | 5000 \pm 20% | 10200+30%/-20% | \geq 2.0 | TEMC3819C |

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

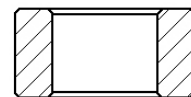
Dimensions (Uncoated)

| Dimension | Nominal (mm) | Maximum (mm) | Minimum (mm) |
|-----------|--------------|--------------|--------------|
| A | 38.00 | 38.60 | 37.40 |
| B | 22.00 | 22.45 | 21.55 |
| C | 18.50 | 18.85 | 18.15 |



Dimensions (coated)

| Dimension | Nominal (mm) | Maximum (mm) | Minimum (mm) |
|-----------|--------------|--------------|--------------|
| A | - | 39.40 | - |
| B | - | - | 20.75 |
| C | - | 19.65 | - |



SECTION A-A
SCALE 1 : 1

Part ordering codes:

TEMC3819U – Uncoated Core
TEMC3819C – 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.