



PRODUCT DATA SHEET

CORE – T1606

Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc; as per IEC standards

Effective parameters irrespective of material grade (per piece)

Parameter	Value	Unit
Effective Length (L_e)	38.5	mm
Effective Area (A_e)	19.7	mm ²
Effective Area (A_{Min})	19.7	mm ²
Effective Volume (V_e)	760	mm ³
Approx. Weight (without gap)	3.85	g/piece



T1606 Coated (Green)

Test Conditions: 10kHz/150mV/CFR COIL, N=01/ L_0 =Zero/25°C

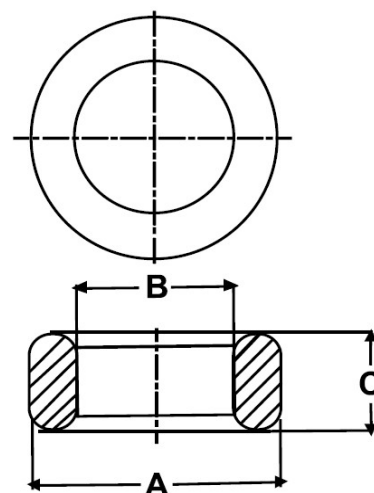
Material Grade	Initial Permeability (μ_{iac})	AL Value (nH)	D. Strength (kV)	Ordering code
CF195	5000 $\pm$ 20%	3200 +30%/-20%	$\geq$ 1.5	CF195 T1606 C
CF190	6000 $\pm$ 20%	3900 +30%/-20%	$\geq$ 1.5	CF190 T1606 C
CF197	7000 $\pm$ 20%	4500 +30%/-20%	$\geq$ 1.5	CF197 T1606 C
CF199	9000 $\pm$ 20%	5800 +30%/-30%	$\geq$ 1.5	CF199 T1606 C

Dimensions Un-Coated Core (in mm)

Dimension	Nominal	Maximum	Minimum
A	16.0	16.4	15.6
B	9.6	9.9	9.3
C	6.3	6.5	6.1

Dimensions Coated Core (in mm)

Dimension	Nominal	Maximum	Minimum
A	-	17.0	-
B	-	-	8.7
C	-	7.1	-



- Ferrite material for the product is in compliance with RoHS directive 2011/65/EU
- Epoxy Coating is UL Approved, UL file number E483791
- Coating material for the product is in compliance with RoHS directive 2011/65/EU

For general terms and conditions please visit

http://www.cosmoferrites.com/Downloads/Downloads/bcb70e7c-ae33-40ec-a881-0d5120db57b6_GTC.pdf

Regd. Office & Works: Jabli, Distt. Solan, Himachal Pradesh – 173 209 (India)

E-mail: sales@cosmoferrites.com