



# PRODUCT DATA APPROVAL SHEET

Core- T1808

Cosmo Ferrites Ltd. - INDIA

**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)**

- Effective Length ( $L_e$ ): 43.5 mm
  - Effective Area ( $A_e$ ): 25.4mm<sup>2</sup>
  - Effective Area ( $A_{Min}$ ): 25.4mm<sup>2</sup>
  - Effective Volume ( $V_e$ ): 1105mm<sup>3</sup>
- Approximate weight : 5.4g/pc**



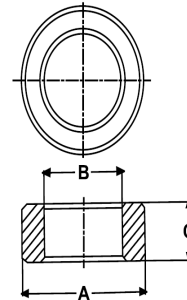
## T1808 Coated (Green)

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

| Material Grade | Initial Permeability ( $\mu_{iac}$ ) | AL Value (nH) | D.Strength (kV) | Ordering code |
|----------------|--------------------------------------|---------------|-----------------|---------------|
| CF199          | 9000 $\pm$ 20%                       | 6600+30%/-20% | $\geq$ 1.5      | CF199T1808C   |

## Dimensions :(Un-coated Cores)

| Dimension | Nominal (in mm) | Maximum (in mm) | Minimum (in mm) |
|-----------|-----------------|-----------------|-----------------|
| A         | 17.5            | 18.0            | 17.0            |
| B         | 11.05           | 11.35           | 10.75           |
| C         | 8.0             | 8.2             | 7.8             |



## Dimensions(Coated Cores)

| Dimension | Nominal (in mm) | Maximum (in mm) | Minimum (in mm) |
|-----------|-----------------|-----------------|-----------------|
| A         | -               | 18.5            | -               |
| B         | -               | -               | 10.25           |
| C         | -               | 8.7             | -               |

1. Coating material for the product is in compliance with RoHS directive 2011/65/EU.
2. Epoxy Coating is UL Approved, UL file number can be provided on request.
3. Ferrite material in compliance with RoHS directive 2011/65/EU annex II.

For Cosmo Ferrites Limited-INDIA

Checked By: A.K.  
 Approved By: B.S.  
 Authorized By: KSR  
 Date: 28-07-2015(ISSUE NO.1)

Customer's Approval  
 Authorized Signatory:  
 Name:  
 Date:

**NOTE: Please send this Data Sheet back to Cosmo Ferrites Ltd. after approval. If not received back within 15 days, it will be presumed that all the specifications given in the consent/data sheet are acceptable to the concerned.**