

**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 ( $L_e$ ): 174.2mm
  - Effective Area ( $A_e$ ): 384.4mm<sup>2</sup>
  - Effective Area ( $A_{Min}$ ): 384.4mm<sup>2</sup>
  - Effective Volume ( $V_e$ ): 66962mm<sup>3</sup>
- Approximate weight: 356g/pc**



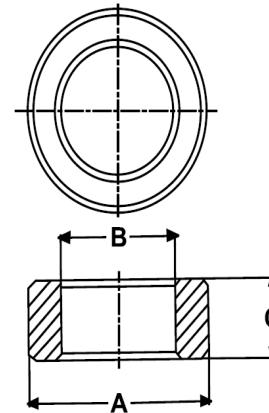
## T8020A Coated (Green)

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

Material Grade	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH)	D.Strength (KV)	Ordering code
CF197	7000 ± 20%	19400 +30%/-20%	≥2.0	CF197 T8020AC

## Dimensions (Un-coated Core)

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	80.0	82.5	77.5
B	40.0	41.2	38.8
C	20.0	20.5	19.5



## Dimensions: (Coated Core)

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	-	83.4	-
B	-	-	37.9
C	-	21.4	-

1. Ferrite 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. Coating material for the product is in compliance with RoHS directive 2011/65/EU.

For Cosmo Ferrites Limited-INDIA

Checked By: J.C.  
 Approved By: B.S.  
 Authorized By: KSR  
 Date: 09-10-2022 (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.**