

**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 ( $L_e$ ): 13.0mm
- Effective Area ( $A_e$ ): 4.3mm<sup>2</sup>
- Effective Area ( $A_{Min}$ ): 4.3mm<sup>2</sup>
- Effective Volume ( $V_e$ ): 56mm<sup>3</sup>

**Approximate weight: 0.26 g/pc**



## T0603 Coated (Green)

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

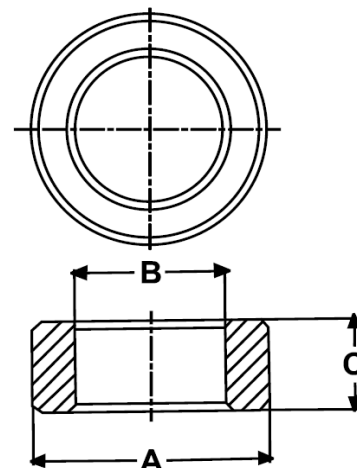
| Material Grade | Initial Permeability ( $\mu_{iac}$ ) | AL Value (nH) | Approx. $\mu_e$ | D.Strength (Kv) | Ordering code |
|----------------|--------------------------------------|---------------|-----------------|-----------------|---------------|
| CF139          | 2100 $\pm$ 20%                       | 900+30%/-20%  | $\approx$ 2100  | $\geq$ 1.0      | CF139T0603C   |
| CF297          | 2300 $\pm$ 20%                       | 950+30%/-20%  | $\approx$ 2300  | $\geq$ 1.0      | CF297T0603C   |
| CF195A         | 5000 $\pm$ 20%                       | 2100+30%/-20% | $\approx$ 5000  | $\geq$ 1.0      | CF195AT0603C  |
| CF265          | 5000 $\pm$ 20%                       | 2100+30%/-20% | $\approx$ 5000  | $\geq$ 1.0      | CF265T0603C   |
| CF275          | 7000 $\pm$ 20%                       | 2900+30%/-20% | $\approx$ 7000  | $\geq$ 1.0      | CF275T0603C   |

## Dimensions (Un-Coated)

| Dimension | Nominal (in mm) | Maximum (in mm) | Minimum (in mm) |
|-----------|-----------------|-----------------|-----------------|
| A         | 5.85            | 6.13            | 5.57            |
| B         | 3.05            | 3.33            | 2.77            |
| C         | 3.18            | 3.43            | 2.93            |

## Dimensions (Coated Core)

| Dimension | Nominal (in mm) | Maximum (in mm) | Minimum (in mm) |
|-----------|-----------------|-----------------|-----------------|
| A         | -               | 6.53            | -               |
| B         | -               | -               | 2.37            |
| C         | -               | 3.83            | -               |



1. Coating material for the product is in compliance with RoHS directive 2002/95/EC.
2. Ferrite material in compliance with RoHS directive 2002/95/EC.

For Cosmo Ferrites Limited-INDIA

Checked By: A.K.

Approved By: B.S.

Authorized By: KSR

Date: 09-10-2014 (ISSUE NO.1)

Customer's Approval

Authorized Signatory:

Name:

Date:



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For general terms and conditions please visit:

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