

# PRODUCT DATA APPROVAL SHEET

Core- EE2005S

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 set)**

- Effective Length ( $L_e$ ): 44.9mm
  - Effective Area ( $A_e$ ): 33.5mm<sup>2</sup>
  - Effective Area ( $A_{Min}$ ): 31.9mm<sup>2</sup>
  - Effective Volume ( $V_e$ ): 1500mm<sup>3</sup>
- Approximate weight (without Gap): 7.1g/Set



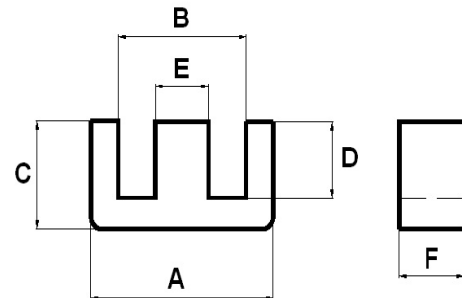
## EE2005S Un-gapped (OL)

**Test Conditions:** 1 KHz/1mT/N=100/25°C

Material	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH)	$\mu_e$ approx.	$P_v$ (W/set)	
CF195	5000 ±20%	2650 +30%/-20%	≈2800	-	
CF265	5000 ±20%	2650 +30%/-20%	≈2800	-	
CF255	5500 ±20%	2750 +30%/-20%	≈2950	-	
CF197	7000 ±20%	3250 +30%/-20%	≈3350	-	
CF275	7000 ±20%	3250 +30%/-20%	≈3350	-	
CF199	9000±20%	3700±30%	≈3750	-	

## Dimensions

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	20.4	20.4	19.6
B	14.1	14.9	14.1
C	10.1	10.1	9.7
D	7.0	7.4	7.0
E	5.9	5.9	5.5
F	5.9	5.9	5.4



For Cosmo Ferrites Limited-INDIA

Checked By: A.K.

Approved By: B.S.

Authorized By: KSR

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