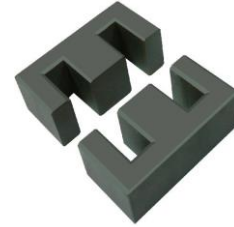


**Appearance & Shape:** To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

**Effective Parameters irrespective of material grade (per set)**

- Effective Length ( $L_e$ ): 43.0mm
- Effective Area ( $A_e$ ): 31.0mm<sup>2</sup>
- Effective Area ( $A_{Min}$ ): 25.5mm<sup>2</sup>
- Effective Volume ( $V_e$ ): 1340mm<sup>3</sup>

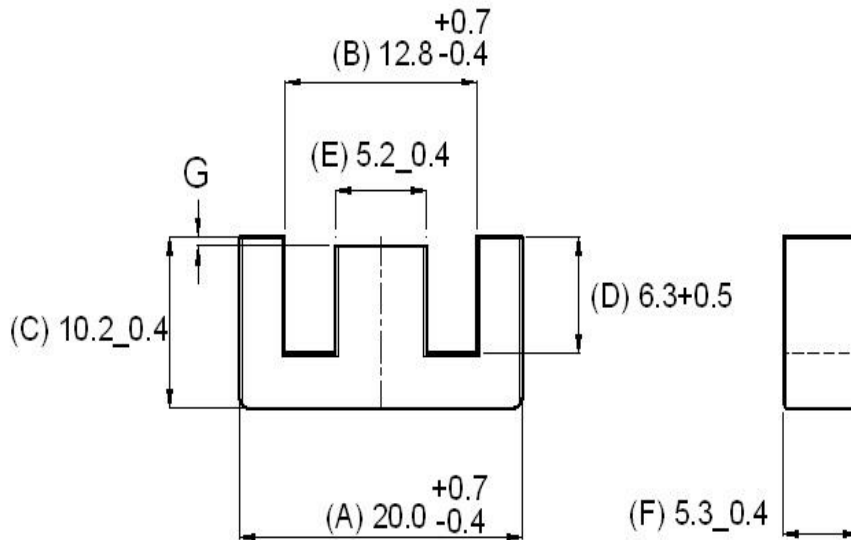
**Approximate weight (without Gap): 7.1g/Set**



## EE2005K Un-gapped (OL)

**Test Conditions: 1kHz/1mT/CFR COIL,N=100/25°C**

| Material Grade | Initial Permeability ( $\mu_{iac}$ ) | AL Value (nH)/Set | $P_v$ (W/set)                    |  |
|----------------|--------------------------------------|-------------------|----------------------------------|--|
| CF196          | 2000 $\pm$ 20%                       | 1350 +30%/-20%    | $\leq 0.18$ (200mT,16kHz,100°C)  |  |
| CF139          | 2100 $\pm$ 20%                       | 1400 +30%/-20%    | $\leq 0.13$ (100mT,100kHz,100°C) |  |
| CF297          | 2300 $\pm$ 20%                       | 1500 +30%/-20%    | $\leq 0.12$ (100mT,100kHz,100°C) |  |
| CF130          | 3000 $\pm$ 20%                       | 1800 +30%/-20%    | $\leq 0.20$ (200mT,16kHz,100°C)  |  |
| CF195          | 5000 $\pm$ 20%                       | 2500 +30%/-20%    | -                                |  |



Remarks: Value of "G" is Zero (0) for Un-Gapped Cores, for Gapped Cores the value of "G" varies as per the Gap/AL value