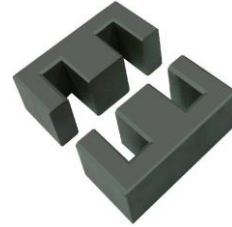


**Appearance & Shape:** To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

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

- Effective Length ( $L_e$ ): 38.0mm
- Effective Area ( $A_e$ ): 25.0mm<sup>2</sup>
- Effective Area ( $A_{Min}$ ): 24.5mm<sup>2</sup>
- Effective Volume ( $V_e$ ): 950mm<sup>3</sup>

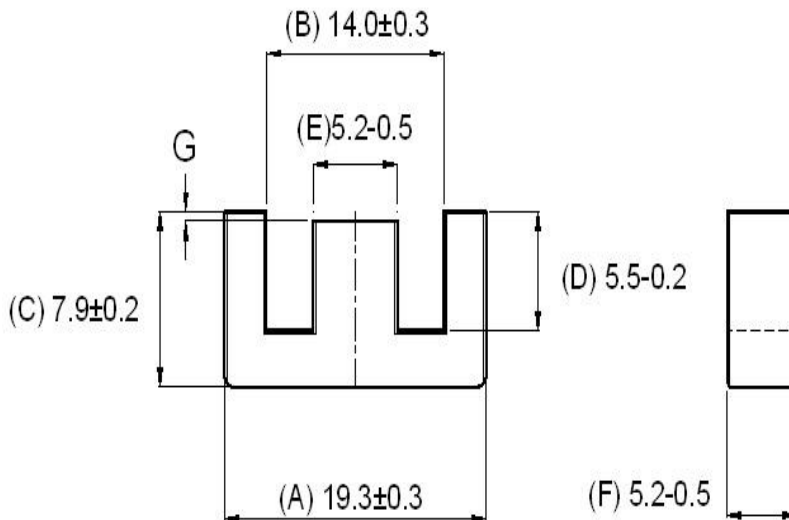
**Approximate weight (without Gap): 4.8g/Set**



## EE1905 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)	Ordering code
CF196	2000 $\pm$ 20%	1200 +30%/-20%	$\leq 0.13$ (200mT,16kHz,100°C)	CF196 EE1905 OL
CF139	2100 $\pm$ 20%	1250 +30%/-20%	$\leq 0.095$ (100mT,100kHz,100°C)	CF139 EE1905 OL
CF297	2300 $\pm$ 20%	1350 +30%/-20%	$\leq 0.085$ (100mT,100kHz,100°C)	CF297 EE1905 OL
CF130	3000 $\pm$ 20%	1750 +30%/-20%	$\leq 0.14$ (200mT,16kHz,100°C)	CF130 EE1905 OL
CF195	5000 $\pm$ 20%	2500 +30%/-20%	-	CF195 EE1905 OL



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

For general terms and conditions please visit: [http://www.cosmoferrites.com/Downloads/Downloads/bcb70e7c-ae33-40ec-a881-0d5120db57b6\\_GTC.pdf](http://www.cosmoferrites.com/Downloads/Downloads/bcb70e7c-ae33-40ec-a881-0d5120db57b6_GTC.pdf)

**Regd. Office & Works:** Jabli, Distt. Solan, Himachal Pradesh – 173 209 (India)

Tel: +91 1792 277231/32/36, Fax: +91 1792 277234

E-mail: sales@cosmoferrites.com