



# PRODUCT SPECIFICATION DATA SHEET

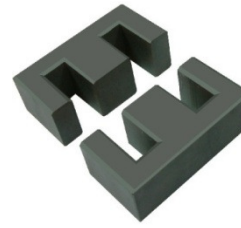
Core- EE7091

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)**

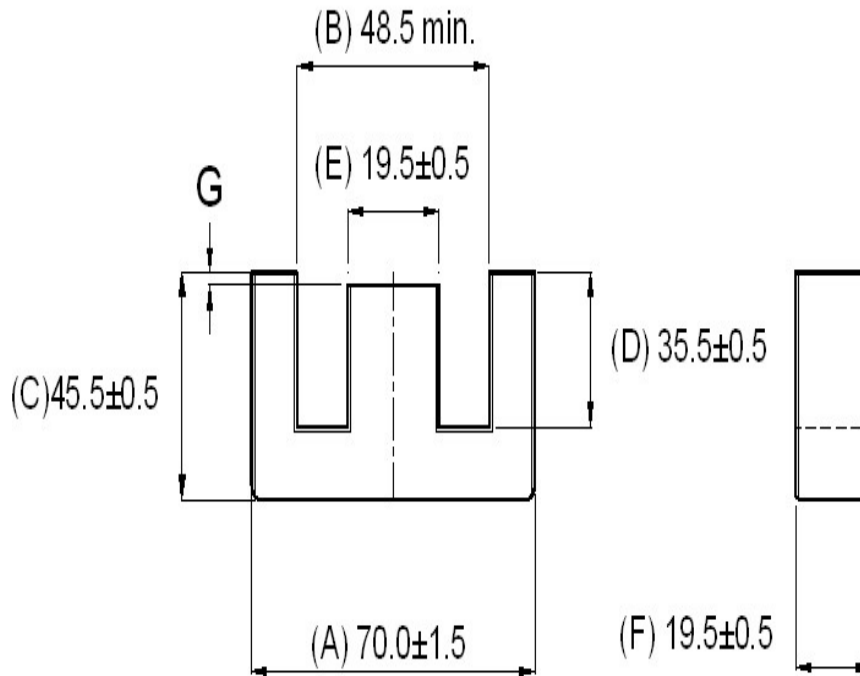
- Effective Length ( $L_e$ ): 204.0mm
  - Effective Area ( $A_e$ ): 386.0mm<sup>2</sup>
  - Effective Area ( $A_{Min}$ ): 371.8mm<sup>2</sup>
  - Effective Volume ( $V_e$ ): 78690mm<sup>3</sup>
- Approximate weight (without Gap): 394g/Set**



## EE7091 Un-gapped (OL)

**Test Conditions: 1kHz/1mT/CFR COIL,N=20/25°C**

Material Grade	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH/Set)	$P_v$ (W/set)	Ordering code
CF196	2000 $\pm$ 20%	4300 +30%/-20%	$\leq$ 10.86(200mT,16kHz, 100°C)	CF196EE7091 OL
CF139	2100 $\pm$ 20%	4500 +30%/-20%	$\leq$ 7.87(100mT,100kHz, 100°C)	CF139EE7091 OL
CF297	3000 $\pm$ 20%	4900 +30%/-20%	$\leq$ 7.08(100mT,100kHz, 100°C)	CF297EE7091 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