## PRODUCT SPECIFICATION DATA SHEET



Core- EE8025

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<sub>e</sub>): 185.1mm
Effective Area (A<sub>e</sub>): 489.0mm<sup>2</sup>
Effective Area (A<sub>Min</sub>): 483.0mm<sup>2</sup>
Effective Volume (V<sub>e</sub>): 90530mm<sup>3</sup>

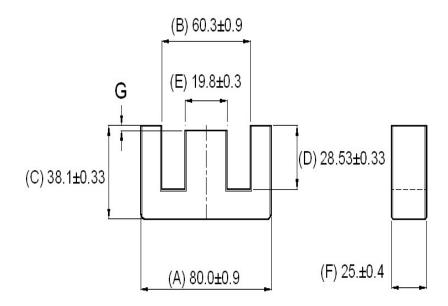
Approximate weight(without Gap): 430g/Set



## EE8025 Un-gapped (OL)

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

Material Grade	Initial Permeability (μ <sub>iac</sub> )	AL Value (nH)/Set	P <sub>V</sub> (W/set)	Ordering code
CF196	2000 ±20%	5400 +30%/-20%	≤9.05(200mT,16kHz,100 <sup>0</sup> C)	CF196EE8025 OL
CF139	2100 ±20%	5700 +30%/-20%	≤9.05(100mT,100kHz,100 <sup>0</sup> C)	CF139EE8025 OL
CF297	2300 ±20%	6100 +30%/-20%	≤8.15(100mT,100kHz,100 <sup>0</sup> C)	CF297EE8025 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

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