



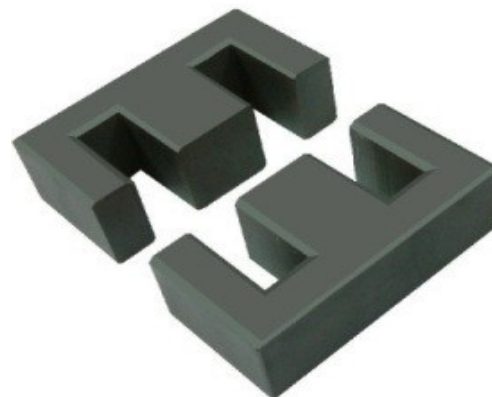
PRODUCT DATA SHEET

CORE – EE1905S

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)

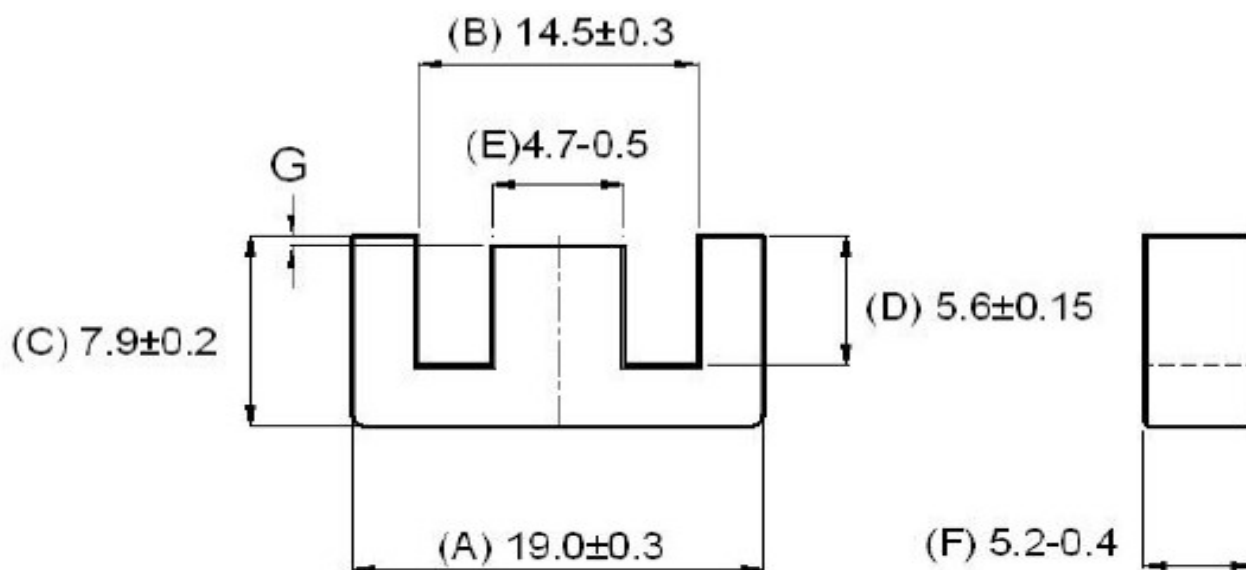
Parameter	Value	Unit
Effective Length (L_e)	39.3	mm
Effective Area (A_e)	22.7	mm ²
Effective Area (A_{Min})	22.2	mm ²
Effective Volume (V_e)	891	mm ³
Approx. Weight (without gap)	4.3	g/set



EE1905S Un-gapped (OL)

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

Material Grade	Initial Permeability (μ_{iac})	AL Value (nH)/Set	P_v (W/set)	Ordering code
CF292	1800 $\pm$ 20%	950 +30%/-20%	$\leq$ 0.11 (100mT,100kHz,100°C)	CF292 EE1905S OL
CF139	2100 $\pm$ 20%	1100 +30%/-20%	$\leq$ 0.09 (100mT,100kHz,100°C)	CF139 EE1905S OL
CF297	2300 $\pm$ 20%	1200 +30%/-20%	$\leq$ 0.08 (100mT,100kHz,100°C)	CF297 EE1905S OL
CF124	2500 $\pm$ 20%	1300 +30%/-20%	$\leq$ 0.13 (200mT,25kHz,100°C)	CF124 EE1905S 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

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

E-mail: sales@cosmoferrites.com