



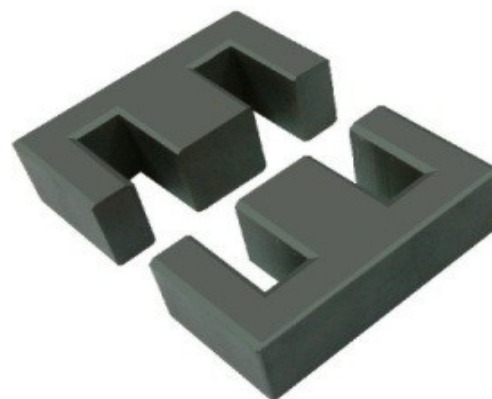
PRODUCT DATA SHEET

CORE – EE2005S

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)

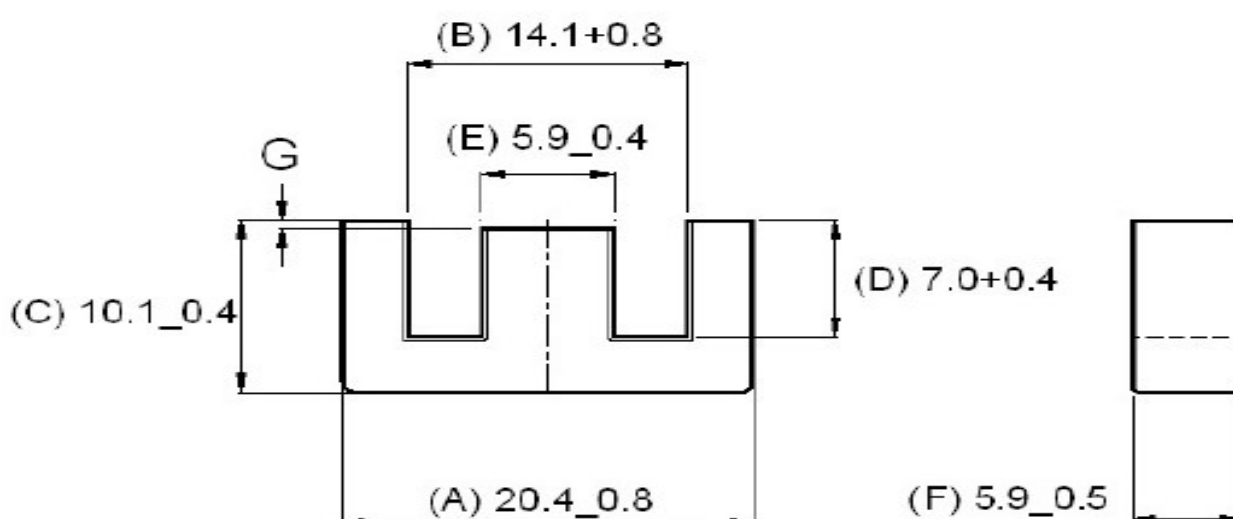
Parameter	Value	Unit
Effective Length (L_e)	44.9	mm
Effective Area (A_e)	33.5	mm ²
Effective Area (A_{Min})	31.9	mm ²
Effective Volume (V_e)	1500	mm ³
Approx. Weight (without gap)	7.1	g/set



EE2005S 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%	1300 +30%/-20%	≤ 0.18 (100mT,100kHz,100°C)	CF292 EE2005S OL
CF139	2100 $\pm$ 20%	1450 +30%/-20%	≤ 0.15 (100mT,100kHz,100°C)	CF139 EE2005S OL
CF297	2300 $\pm$ 20%	1600 +30%/-20%	≤ 0.13 (100mT,100kHz,100°C)	CF297 EE2005S OL
CF124	2500 $\pm$ 20%	1700 +30%/-20%	≤ 0.22 (200mT,25kHz,100°C)	CF124 EE2005S 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

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