



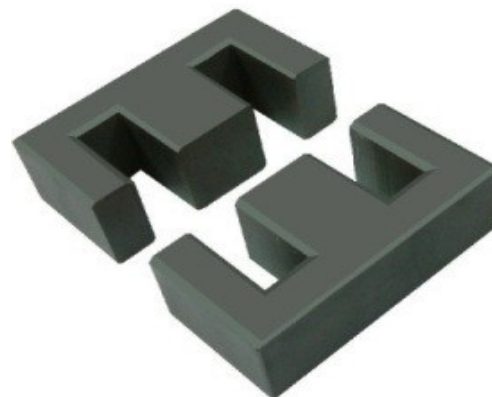
PRODUCT DATA SHEET

CORE – EE4215

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)

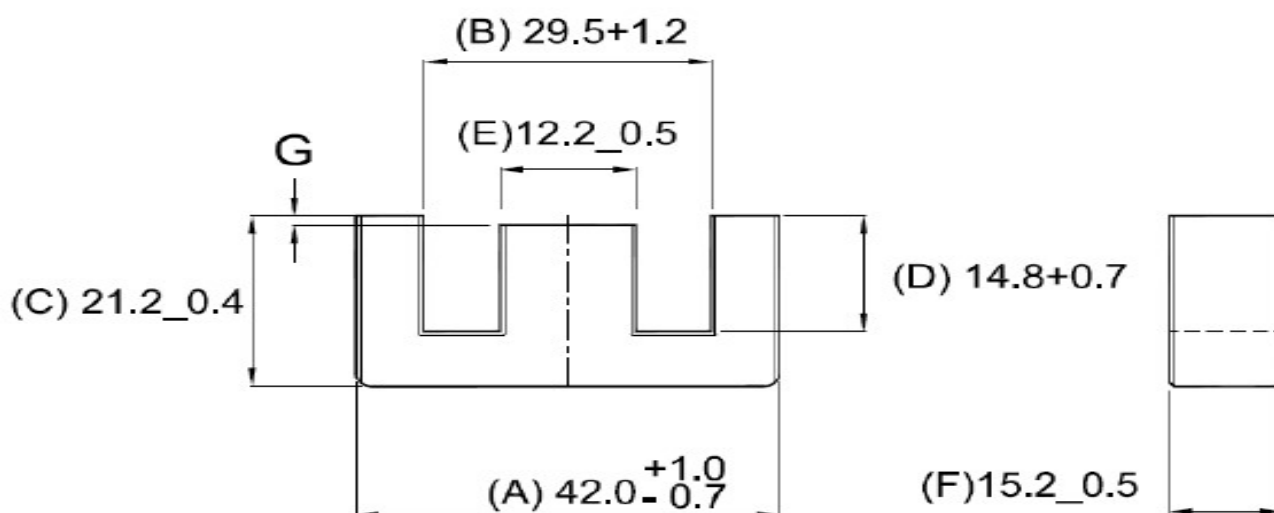
Parameter	Value	Unit
Effective Length (L_e)	97.0	mm
Effective Area (A_e)	181.0	mm ²
Effective Area (A_{Min})	175.0	mm ²
Effective Volume (V_e)	17600	mm ³
Approx. Weight (without gap)	84	g/set



EE4215 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%	3600 +30%/-20%	$\leq 2.11(100\text{mT}, 100\text{kHz}, 100^\circ\text{C})$	CF292 EE4215 OL
CF139	2100 $\pm$ 20%	4100 +30%/-20%	$\leq 1.7(100\text{mT}, 100\text{kHz}, 100^\circ\text{C})$	CF139 EE4215 OL
CF297	2300 $\pm$ 20%	4400 +30%/-20%	$\leq 1.58(100\text{mT}, 100\text{kHz}, 100^\circ\text{C})$	CF297 EE4215 OL
CF124	2500 $\pm$ 20%	4750 +30%/-20%	$\leq 2.64(200\text{mT}, 25\text{kHz}, 100^\circ\text{C})$	CF124 EE4215 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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http://www.cosmoferrites.com/Downloads/Downloads/bcb70e7c-ae33-40ec-a881-0d5120db57b6_GTC.pdf

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