



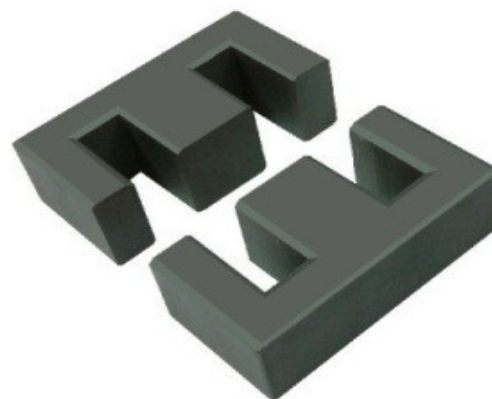
PRODUCT DATA SHEET

CORE – EE5525

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)

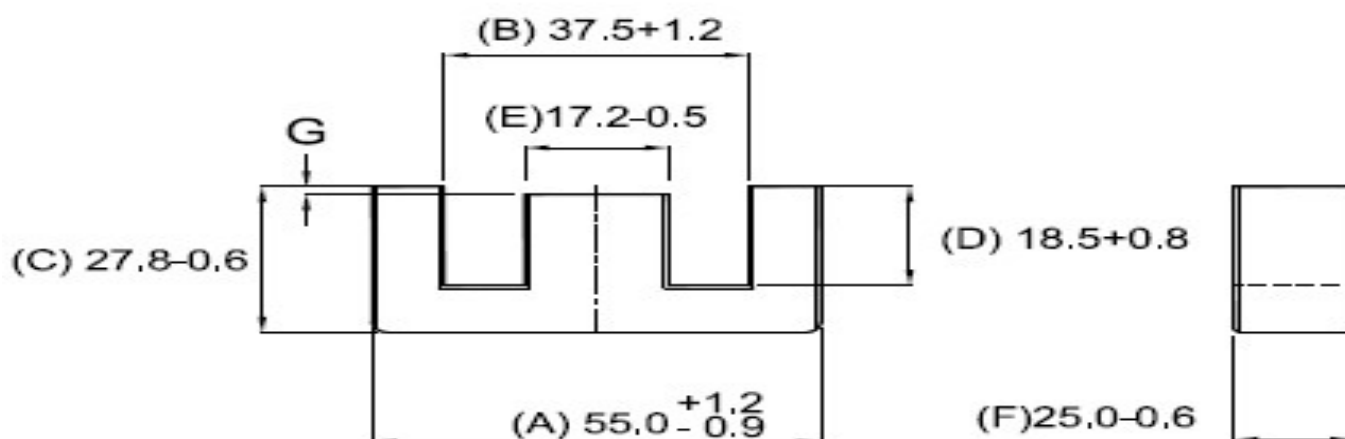
Parameter	Value	Unit
Effective Length (L_e)	124	mm
Effective Area (A_e)	420	mm ²
Effective Area (A_{Min})	420	mm ²
Effective Volume (V_e)	52100	mm ³
Approx. Weight (without gap)	257	g/set



EE5525 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%	7200 +30%/-20%	$\leq 6.25(100\text{mT}, 100\text{kHz}, 100^\circ\text{C})$	CF292 EE5525 OL
CF139	2100 $\pm$ 20%	7900 +30%/-20%	$\leq 5.2(100\text{mT}, 100\text{kHz}, 100^\circ\text{C})$	CF139 EE5525 OL
CF297	2300 $\pm$ 20%	8500 +30%/-20%	$\leq 4.7(100\text{mT}, 100\text{kHz}, 100^\circ\text{C})$	CF297 EE5525 OL
CF124	2500 $\pm$ 20%	9300 +30%/-20%	$\leq 7.8 (200\text{mT}, 25\text{kHz}, 100^\circ\text{C})$	CF124 EE5525 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