

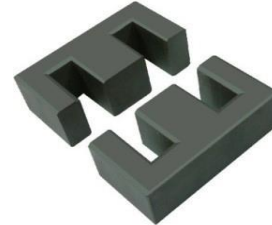


Core-EE5521

PRODUCT DATA APPROVAL SHEET

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)



Parameter	Value	Unit
Effective Length (L_e):	120	mm
Effective Area (A_e):	354	mm ²
Effective Area (A_{min}):	351	mm ²
Effective Volume (V_e):	42500	mm ³
Approximate weight(m):	218	g/set

Clamping force for AL-measurement $40 \pm 20N$, unless otherwise stated. EE5521 Un-gapped (OL)

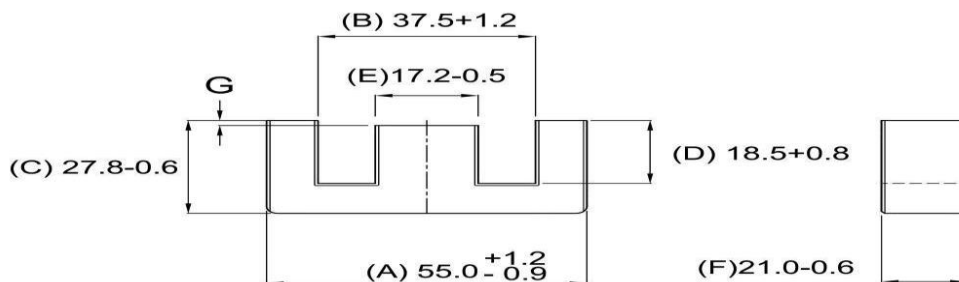
Test Conditions: 1kHz/1mT/CFR COIL, N=100/25°C

Material Grade	Initial Permeability (μ_{iac})	AL Value (nH)	μ_e Approx./Set	P_v (W/set) (25kHz,200mT, 100°C)	P_v (W/set) (100kHz,100mT, 100°C)	P_v (W/set) (100kHz,200mT, 100°C)
CF297	2300 $\pm 20\%$	6900 +30%/-20%	≈ 1810	≤ 4.26	≤ 3.40	≤ 25.5

EE5521 Un-gapped (AL)

Test Conditions: 1kHz/300mV/CFR COIL, N=100/25°C

Material Grade	AL(nH) Approx. /Set	S, T		D	
		Gap Value mm/Pc	μ_e Approx./Set	Gap Value in mm/Pc	μ_e Approx./Set
CF297	160 $\pm 5\%$	≈ 4.42	≈ 47	≈ 2.21	≈ 47
CF297	250 $\pm 5\%$	≈ 2.47	≈ 73	≈ 1.24	≈ 73
CF297	472 $\pm 5\%$	≈ 1.1	≈ 134	≈ 0.55	≈ 134



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