



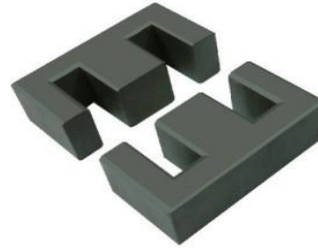
Core-EE12820

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):	285.5	mm
Effective Area (A_e):	792.7	mm ²
Effective Area (A_{min}):	757.9	mm ²
Effective Volume (V_e):	226230	mm ³
Approximate weight(m):	1100	g/set



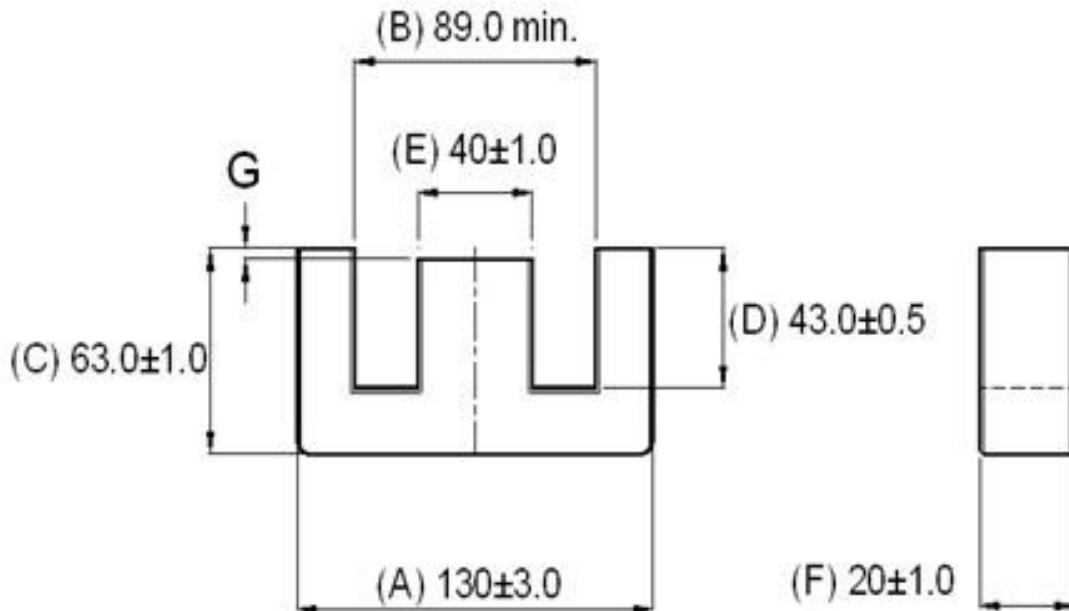
“Clamping force for AL measurement is 80 ± 20 N, unless otherwise stated”

EE12820 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)
CF292	$1800 \pm 20\%$	$5700 + 30\% / - 20\%$	≈ 1650	≤ 28.9	≤ 27.15
CF139	$2100 \pm 20\%$	$6400 + 30\% / - 20\%$	≈ 1844	≤ 23.2	≤ 22.62
CF297	$2300 \pm 20\%$	$6800 + 30\% / - 20\%$	≈ 1920	≤ 21.2	≤ 20.3



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