



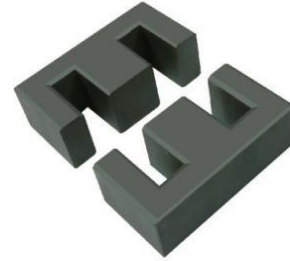
Core-EE4716

PRODUCT DATA APPROVAL SHEET

Cosmo Ferrites Ltd. -INDIA

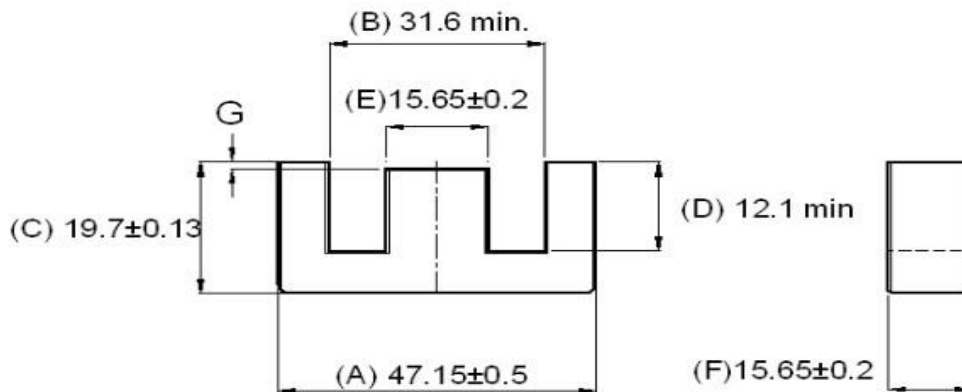
Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc, as per IEC standards.
Effective Parameters irrespective of material grade (per set)

Parameter	Value	Unit
Effective Length (L_e):	89.6	mm
Effective Area (A_e):	236.8	mm ²
Effective Area (A_{min}):	233.0	mm ²
Effective Volume (V_e):	21169	mm ³
Approximate weight(m):	103	g/set

**EE4716 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)
CF292	1800 ±20%	5300 +30%/-20%	≈ 1550	≤ 2.86	≤ 2.55	≤ 12.18
CF139	2100 ±20%	6000 +30%/-20%	≈ 1750	≤ 2.34	≤ 2.1	≤ 11.0
CF297	2300 ±20%	6500 +30%/-20%	≈ 1900	≤ 2.13	≤ 1.92	≤ 10.6
CF295	3000 ±20%	8100 +30%/-20%	≈ 2300	≤ 2.55	≤ 2.34	≤ 12.5

**Prodin Ferrite S.L.**

Calle A, 27, 08620 Sant Vicenç dels Horts, Barcelona (Spain)

Tel.: +34 93 672 46 10

info@prodinferrite.com www.prodinferrite.com