Cosmo Ferrites Ltd.
www.cosmoferrites.com

PRODUCT DATA SHEET

CORE – EFF2509

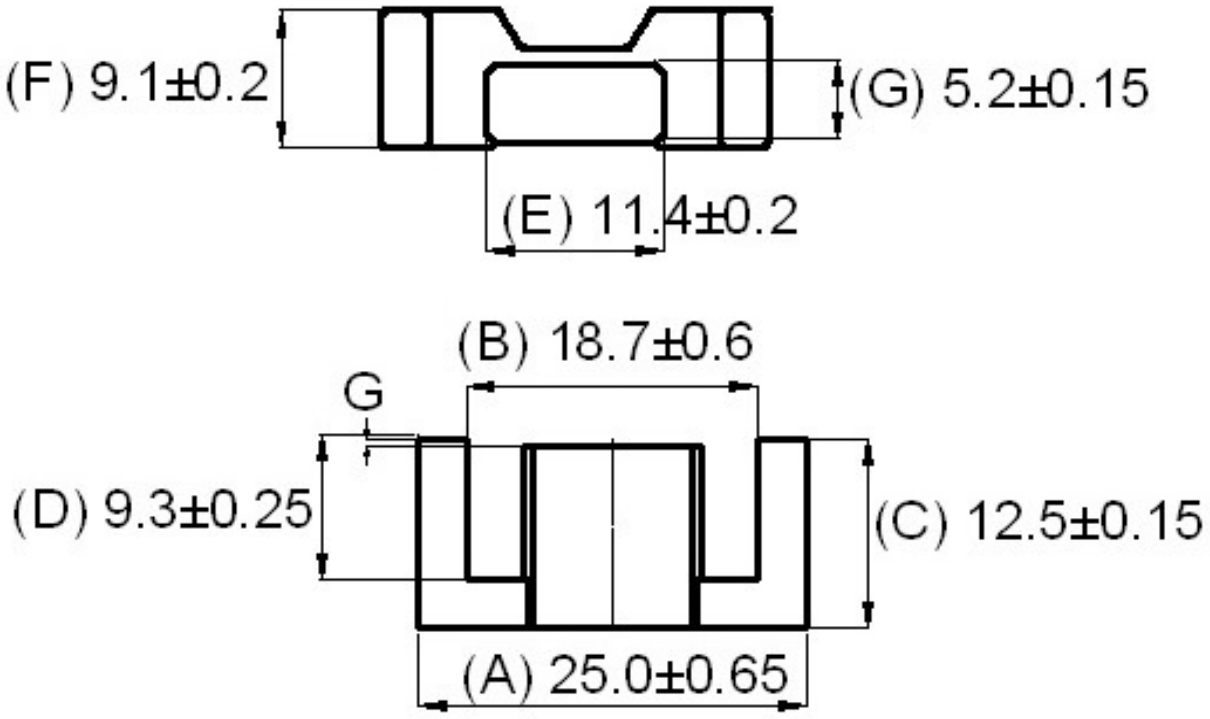
Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc; as per IEC standards

Effective parameters irrespective of material grade (per set)

Parameter	Value	Unit
Effective Length (L_e)	57	mm
Effective Area (A_e)	58	mm^2
Effective Area (A_{Min})	55.4	mm^2
Effective Volume (V_e)	3310	mm^3
Approx. Weight (without gap)	16	g/set

EFF2509 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
CF139	2100 ±20%	2050 +30%/-20%	≤0.33 (100mT,100kHz,100^{0}C)	CF139 EFF2509 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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