



PRODUCT DATA APPROVAL SHEET

Core-EFF1505A

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):	34	mm
Effective Area (A_e):	15	mm ²
Effective Area (A_{min}):	12.2	mm ²
Effective Volume (V_e):	510	mm ³
Approximate weight(m):	2.8	g/set



“Clamping force for AL measurement is 20 ± 10 N, unless otherwise stated”

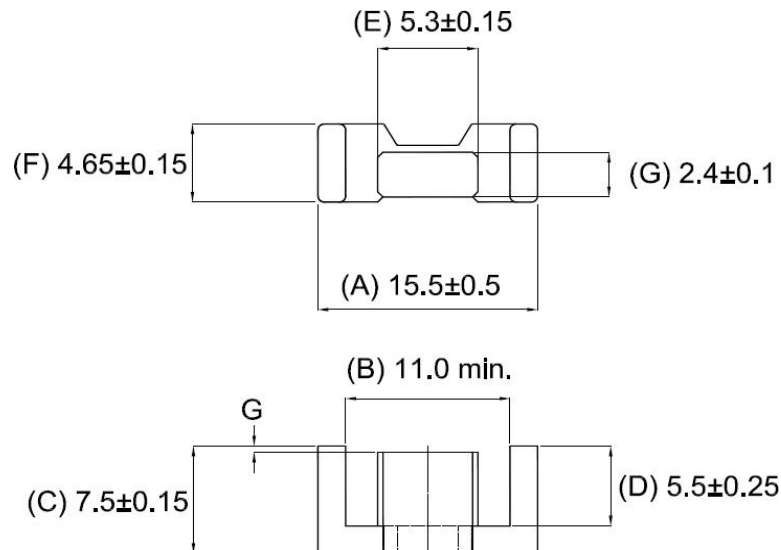
EFF1505A Un-gapped (OL)

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)
CF139	2100 \pm 20%	900 +30%/-20%	\approx 1600	\leq 0.06	\leq 0.05	\leq 0.28

EFF1505A Gapped (AL)

Material Grade	Gap approx. (mm)	S, T		D	
		AL Value nH/Set	μ_e Approx./Set	AL Value nH/Set	μ_e Approx./Set
CF139	0.15 \pm 0.02	\approx 107	\approx 193	\approx 54	\approx 193
CF139	0.17 \pm 0.02	\approx 98	\approx 177	\approx 49	\approx 177
CF139	0.30 \pm 0.04	\approx 67	\approx 121	\approx 34	\approx 121
CF139	1.00 \pm 0.05	\approx 28	\approx 52	\approx 18	\approx 52



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