PRODUCT DATA APPROVAL SHEET

Core-CF139EER2811

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):	75.5	mm
Effective Area (A_e):	83.1	mm^2
Effective Area (A_{min}):	79.9	mm^2
Effective Volume (V_e):	6270	mm^3
Approximate weight(m):	33	g/set

"Clamping force for AL measurement is 40 ±20 N, unless otherwise stated"

EER2811 Un-gapped (OL)

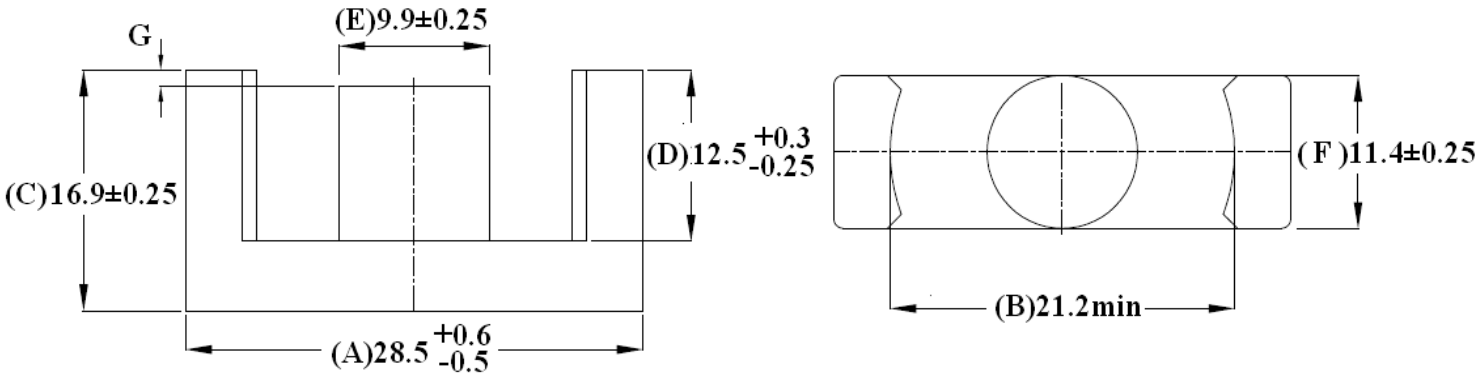
Test Conditions: 1kHz/1mT/CFR COIL, N=100/25˚C

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)	Ordering code
CF139	2100±20%	2400+30%/-20%	≈1680	≤ 0.8	≤ 0.63	≤ 3.61	CF139 EER2811 OL

EER2811 Gapped

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

Material Grade	AL(nH) Approx. /Set	S, T		D		Ordering code
		Gap Value in mm/Pc	μ_e Approx./Set	Gap Value in mm/Pc	μ_e Approx./Set	
CF139	96 ± 4%	≈ 3.78	≈ 67	≈ 1.9	≈ 67	CF139 EER2811 AL 96 S/T/D
CF139	193 ± 5%	≈ 1.47	≈ 135	≈ 0.72	≈ 135	CF139 EER2811 AL 193 S/T/D
CF139	340 ± 8%	≈ 0.69	≈ 238	≈ 0.34	≈ 238	CF139 EER2811 AL 340 S/T/D
CF139	367 ± 8%	≈ 0.62	≈ 256	≈ 0.31	≈ 256	CF139 EER2811 AL 367 S/T/D
CF139	370 ± 8%	≈ 0.61	≈ 259	≈ 0.30	≈ 259	CF139 EER2811 AL370 S/T/D



General Terms & Conditions

SEMIC TRADE

Checked By: A.K.
Approved By: B.S.
Authorized By: KSR
Date: 16-10-2015
Rev. No.: 03

Customer's Approval
Authorized Signatory:
Name:
Date:

General Terms & Conditions

COSMO FERRITES

SEMIC TRADE

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