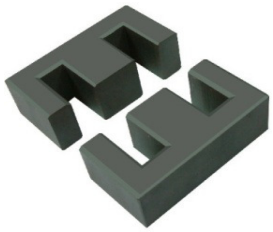
PRODUCT DATA APPROVAL SHEET

Core-EE5525 | 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):	124	mm
Effective Area (A_e):	420	mm^2
Effective Area (A_{min}):	420	mm^2
Effective Volume (V_e):	52100	mm^3
Approximate weight(m):	257	g/set



EE5525 Un-gapped (OL)

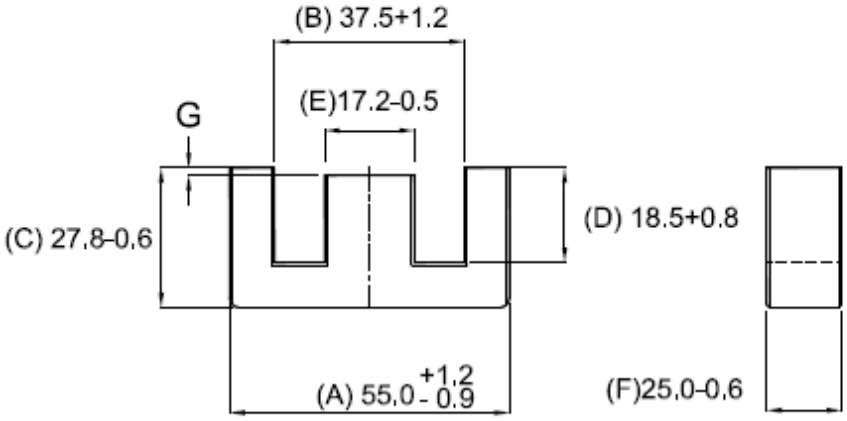
Test Conditions: 1kHz/150mV/CFR COIL, N=100/25˚C

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%	7900 +30%/-20%	≈ 1790	≤ 5.74	≤ 4.8	≤ 31	CF139 EE5525 OL

EE5525 Gapped

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

Material Grade	AL(nH) Approx. /Set	S, T		D		Ordering code
		AL (nH) Approx./Set	μ_e Approx./Set	AL (nH) Approx./Set	μ_e Approx./Set	
CF139	2.50 ±0.05	≈ 350	≈ 76	≈ 200	≈ 45	CF139 EE5525 2.50mm S/T/D



General Terms & Conditions SEMIC

Checked By: J.C..
Approved By: B.S.
Authorized By: KSR
Date: 30-06-2022
Rev. No.: 03

Customer's Approval
Authorized Signatory:
Name:
Date:

General Terms & Conditions COSMO FERRITES

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