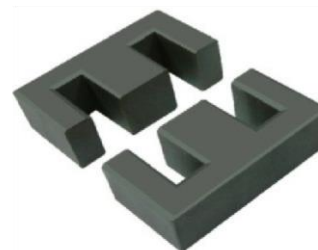


# PRODUCT DATA APPROVAL SHEET

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 ( $L_e$ ):	57.5	mm
Effective Area ( $A_e$ ):	84.7	mm <sup>2</sup>
Effective Area ( $A_{min}$ ):	79.7	mm <sup>2</sup>
Effective Volume ( $V_e$ ):	4870	mm <sup>3</sup>
Approximate weight(m):	23	g/set

## EE2511 Un-gapped (OL)

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

Material Grade	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH)	$P_v$ (W/set) (25kHz,200mT, 100°C)	$P_v$ (W/set) (100kHz,100mT, 100°C)	$P_v$ (W/set) (100kHz,200mT, 100°C)
CF139	2100 ±20%	3300 +30%/-20%	≤ 0.58	≤ 0.42	≤ 2.4

## EE2511 Gapped

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

Material Grade	Gap- Value (mm)/pc	S, T		D	
		AL Approx.(nH)/Set	$\mu_e$ Approx./set	AL Approx.(nH)/Set	$\mu_e$ Approx./set
CF139	0.25 ±0.05	≈ 384	≈ 207	≈ 202	≈ 109
CF139	0.50 ±0.05	≈202	≈109	≈ 104	≈ 56

