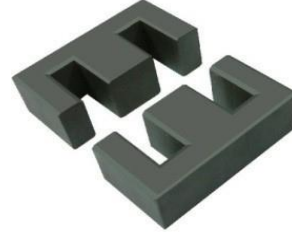


Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc, as per IEC standards.
Effective Parameters irrespective of material grade (per set)

Parameter	Value	Unit
Effective Length (L_e):	74.3	mm
Effective Area (A_e):	83.0	mm ²
Effective Area (A_{min}):	81.6	mm ²
Effective Volume (V_e):	6167	mm ³
Approximate weight(m):	32	g/set



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

EE3209 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 ±20%	2650 +30%/-20%	≈ 1840	≤ 0.62	≤ 0.55	≤ 3.0
CF297	2300 ±20%	2800 +30%/-20%	≈ 1990	≤ 0.59	≤ 0.53	≤ 2.78

EE3209 Gapped

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

Material Grade	Gap Value in mm/Pc	S, T		D	
		AL(nH) Approx. /Set	μ_e Approx./Set	AL(nH) Approx. /Set	μ_e Approx./Set
CF139	0.1 ±0.02	≈ 811	≈ 576	≈ 483	≈ 343
CF139	0.20 ±0.02	≈ 483	≈ 343	≈ 288	≈ 204
CF139	0.25 ±0.02	≈ 409	≈ 290	≈ 243	≈ 173
CF139	0.45 ±0.04	≈ 263	≈ 187	≈ 157	≈ 111
CF139	0.50 ±0.05	≈ 243	≈ 173	≈ 145	≈ 103
CF139	0.70 ±0.05	≈ 185	≈ 133	≈ 110	≈ 78
CF139	1.00 ±0.05	≈ 145	≈ 103	≈ 86	≈ 61

