

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):	78.6	mm
Effective Area (A_e):	97.1	mm ²
Effective Area (A_{min}):	91.6	mm ²
Effective Volume (V_e):	7640	mm ³
Approximate weight(m):	39	G/set



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

ETD3411 Un-Gapped (OL)

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

Material Grade	Initial Permeability (μ_{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%	2500 +30%/-20%	≤ 0.91	≤ 0.73	≤ 3.82

ETD3411 Gapped

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

Material Grade	Gap Value 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	≈ 790	≈ 509	≈ 482	≈ 310
CF139	0.2 ±0.02	≈ 482	≈ 310	≈ 294	≈ 189
CF139	0.3 ±0.04	≈ 361	≈ 233	≈ 220	≈ 142
CF139	0.5 ±0.05	≈ 250	≈ 162	≈ 153	≈ 99
CF139	0.7 ±0.05	≈ 197	≈ 127	≈ 120	≈ 78
CF139	0.9 ±0.05	≈ 165	≈ 100	≈ 100	≈ 65
CF139	1.0 ±0.05	≈ 153	≈ 99	≈ 93	≈ 60
CF139	2.0 ±0.06	≈ 93	≈ 60	≈ 55	≈ 36

