

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)

- Effective Length (L_e): 60mm
- Effective Area (A_e): 73mm²
- Effective Area (A_{Min}): 69mm²
- Effective Volume (V_e): 4300mm³

Approximate weight (without Gap): 22g/Set

EVD2513 Un-gapped (OL)

Test Conditions: 1 KHz/50mV/N=100/25°C



Material	Initial Permeability (μ_{iac})	AL Value (nH)/Set	μ_e approx./Set	P_v (W/set)	Ordering code
CF196	2000 ±20%	2600 +30%/-20%	≈1710	≤0.59(200mT,16kHz, 100°C)	CF196EVD2513 OL
CF138/CF139	2100 ±20%	2700 +30%/-20%	≈1780	≤0.43(100mT,100kHz, 100°C)	CF138/CF139EVD2513 OL
CF297	2300 ±20%	2900 +30%/-20%	≈1850	≤0.39(100mT,100kHz, 100°C)	CF297EVD2513 OL

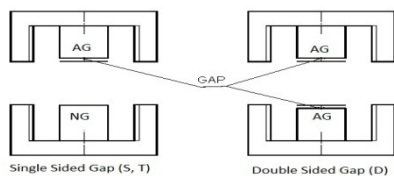
EVD2513 Gapped

Test Conditions: 1 KHz/300mV/N=100/25°C

Material Grade	AL- Value(nH)/Set	S, T **)		D **)		Ordering Code
		Approx.Gap (mm)/Pc	μ_e Approx./Set	Approx.Gap (mm)/Pc	μ_e Approx./Set	
CF139	43 ±5%	≈2.1	≈28	≈1.05	≈28	CF139 EVD2513 AL43 S/T/D**
CF139	48 ±5%	≈1.9	≈31	≈1.45	≈31	CF139 EVD2513 AL48 S/T/D**
CF139	148 ±5%	≈0.6	≈94	≈0.3	≈94	CF139 EVD2513 AL148 S/T/D**
Material Grade	Gap- Value(mm)/Pc	S, T **)		D **)		Ordering Code
		Approx.AL- Value (nH)/Set	μ_e Approx./Set	Approx.AL- Value(nH)/Set	μ_e Approx./Set	
CF139	0.75 ±0.04	≈118	≈77	≈59	≈77	CF139 EVD2513G0.75 S/T/D**

**) S, T -> AL value in the table applies to a core set comprising one ungapped core (g=0) and one gapped core (g>0)

D -> AL value in the table applies to a core set comprising one gapped core (g>0) and one gapped core (g>0)



Delivery Procedure

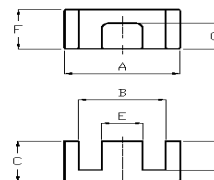
S: 50% gapped Core and 50% Un-gapped core

T: 100% gapped cores (Un-gapped core to be ordered separately)

D: 100% gapped cores

Dimensions :

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	25.0	25.8	24.3
B	19.2	19.6	18.8
C	12.6	12.85	12.35
D	9.55	9.8	9.3
E	8.8	9.05	8.55
F	12.7	12.7	12.2
G	8.3	8.6	8.0



For Cosmo Ferrites Limited-INDIA

Checked By: A.K.

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