PRODUCT DATA APPROVAL SHEET

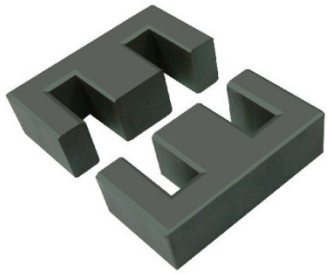
Core- EE1306 | Cosmo Ferrites Ltd. - INDIA

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)

- Effective Length (L_e): 29.6mm
- Effective Area (A_e): 22.4mm^2
- Effective Area (A_{Min}): 21.9mm^2
- Effective Volume (V_e): 663mm^3

Approximate weight (without Gap): 3.2g/Set



EE1306 Un-gapped (OL)

Test Conditions: 1 KHz/1mT/N=100/25˚C

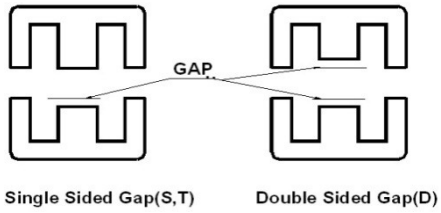
Material	Initial Permeability (μ_{iac})	AL Value (nH)/Set	μ_e approx./Set	P_V (W/set)	Ordering code
CF138	2100 ±20%	1500 +30%/-20%	≈1550	≤0.073(100mT,100kHz, 100^{0}C)	CF138EE1306 OL
CF139	2100 ±20%	1500 +30%/-20%	≈1550	≤0.066(100mT,100kHz, 100^{0}C)	CF139EE1306 OL

EE1306 Gapped

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

Material Grade	Gap-Value(mm)/Pc	S, T **)		D **)		Ordering Code
		Approx.AL-Value (nH)/Set	μ_e Approx./Set	Approx.AL-Value (mm)/Set	μ_e Approx./Set	
CF139	0.2 ±0.02	≈131	≈138	≈68	≈71	CF139 EE1306 G0.2 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)



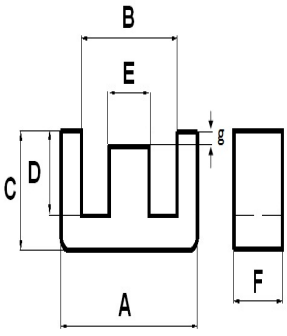
Single Sided Gap(S,T) Double Sided Gap(D)

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	12.65	13.1	12.2
B	9.2	9.5	8.9
C	6.5	6.5	6.3
D	4.5	4.8	4.5
E	3.7	3.7	3.4
F	6.3	6.3	6.0



For Cosmo Ferrites Limited-INDIA
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Date: 29-01-2013