

Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

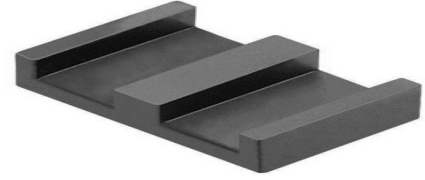
Effective Parameters irrespective of material grade (per set)

- Effective Length (L_e): 79.9mm
- Effective Area (A_e): 519.0mm²
- Effective Area (A_{Min}): 518.0mm²
- Effective Volume (V_e): 41500mm³

Approximate weight (without Gap): 210g/Set

EE6450P Un-gapped (OL)

Test Conditions: 1 KHz/1mT/N=10/25°C



Material	Initial Permeability (μ_{iac})	AL Value (nH)/Set	μ_e Approx./Set	P_v (W/set)	Ordering code
CF139	2100 ±20%	12500 +30%/-20%	≈1490	≤4.15(100mT,100kHz, 100°C)	CF139EE6450P OL

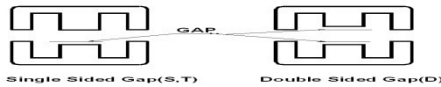
EE6450P Gapped (AL)

Test Conditions: 1 KHz/300mV/N=10/25°C

Material	Gap-Value(mm)/Pc	AL Value (nH)/Set	μ_e Approx./Set	AL Value (nH)/Set	μ_e Approx./Set	Ordering code
CF139	1.1 ±0.05	≈ 573	≈ 70	≈ 290	≈ 35	CF139EE6450P G1.1 S/T/D***

***) S, T -> AL value in the table applies to a core set comprising one un-gapped 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

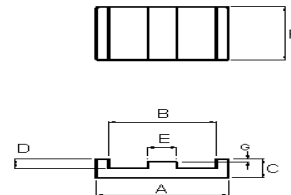
T: 100% gapped cores (Un-gapped core to be ordered separately)

D: 100% gapped cores

Packing Procedure: EE cores to be packed separately, per box quantity will be 140 Pcs.

Dimensions:

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	64.0	65.3	62.7
B	53.6	54.7	52.5
C	10.2	10.35	10.05
D	5.1	5.25	4.95
E	10.2	10.4	10.0
F	50.8	51.9	49.7



For Cosmo Ferrites Limited-INDIA

Checked By: A.K.

Approved By: B.S.

Authorized By: KSR

Date: 03-05-2013

PRODUCT DATA APPROVAL SHEET

Core- EI6450P

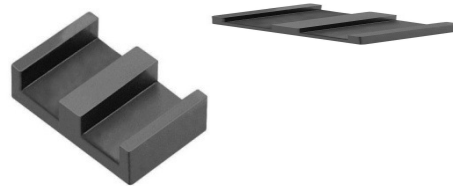
Cosmo Ferrites Ltd. - INDIA

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): 69.7mm
- Effective Area (A_e): 519.0mm²
- Effective Area (A_{Min}): 518.0mm²
- Effective Volume (V_e): 36200mm³

Approximate weight (without Gap): 185g/Set



EI6450P Un-gapped (OL)

Test Conditions: 1 KHz/1mT/N=10/25°C

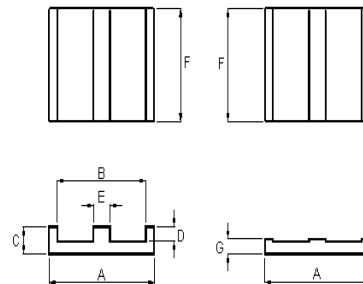
Material	Initial Permeability (μ_{iac})	AL Value (nH)/Set	μ_e Approx./Set	P_v (W/set)	Ordering code
CF139	2100 ±20%	14000 +30%/-20%	≈1450	≤3.62(100mT,100kHz, 100°C)	CF139EI6450P OL

Packing Procedure: E and I cores to be packed separately. Box full quantity will remain same 140 Pcs/Box for both E & I cores.

Delivery Procedure: 100% Un-gapped cores will be delivered.

Dimensions:

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A(E)	64.0	65.3	62.7
A(I)	64.0	65.3	62.7
B	53.6	54.7	52.5
C	10.2	10.35	10.05
D	5.1	5.25	4.95
E	10.2	10.4	10.0
F	50.8	51.9	49.7
G(I)	5.1	5.25	4.95



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PRODUCT DATA APPROVAL SHEET

Core- I6450P

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Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.

Approximate weight (without Gap): 92g/Pc.



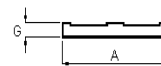
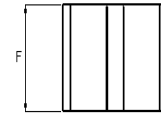
I6450P (OL)

Material	Initial Permeability (μ_{iac})	AL Value (nH)	μ_e Approx.	P_v (W/set)	Ordering code
CF139	2100 \pm 20%	NA	NA	NA	CF139 I6450P OL

Packing Procedure: I cores will be packed in separate box. Box full quantity will be 140 Pcs/box.

Dimensions:

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	64.0	65.3	62.7
F	50.8	51.9	49.7
G	5.1	5.25	4.95



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