



PRODUCT DATA APPROVAL SHEET

Core- EE12820

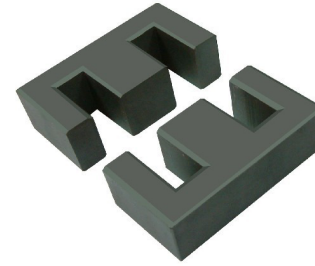
Cosmo Ferrites Ltd. - INDIA

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): 285.4mm
- Effective Area (A_e): 792.7mm²
- Effective Area (A_{Min}): 757.9mm²
- Effective Volume (V_e): 226230mm³

Approximate weight : 1100g/Set



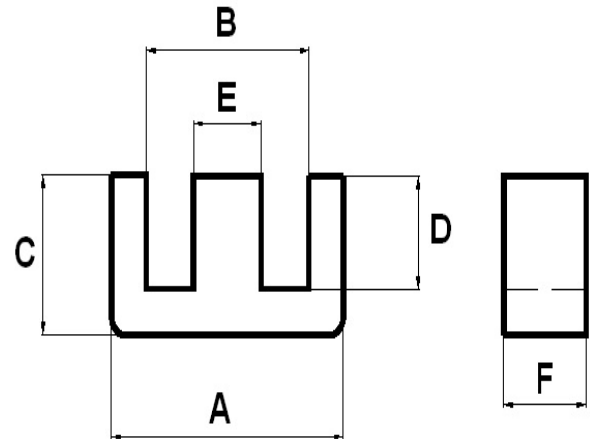
EE12820 Un-gapped (OL)

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

| Material Grade | Initial Permeability (μ_{iac}) | AL Value (nH)/Set | P_v (W/set) | Ordering code |
|----------------|--------------------------------------|-------------------|-----------------------------------|---------------|
| CF139 | 2100 \pm 20% | 6400 +30%/-20% | \leq 22.62(100mT,100kHz, 100°C) | CF139 EE12820 |

Dimensions :

| Dimension | Nominal (in mm) | Maximum (in mm) | Minimum (in mm) |
|-----------|-----------------|-----------------|-----------------|
| A | 130.0 | 133.0 | 127.0 |
| B | - | - | 89.0 |
| C | 63.0 | 64.0 | 62.0 |
| D | 43.0 | 43.5 | 42.5 |
| E | 40.0 | 41.0 | 39.0 |
| F | 20.0 | 21.0 | 19.0 |



For Cosmo Ferrites Limited-INDIA

Checked By: R.S.
 Approved By: B.S.
 Authorized By: KSR
 Date: 20-12-2020 (ISSUE NO.1)

Customer's Approval

Authorized Signatory:
 Name:
 Date:

NOTE: Please send this Data Sheet back to Cosmo Ferrites Ltd. after approval. If not received back within 15 days, it will be presumed that all the specifications given in the consent/data sheet are acceptable to the concerned.