



# PRODUCT DATA APPROVAL SHEET

Core- PQ5050

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 ( $L_e$ ): 113.0mm
- Effective Area ( $A_e$ ): 328.0mm<sup>2</sup>
- Effective Area ( $A_{Min}$ ): 314.0mm<sup>2</sup>
- Effective Volume ( $V_e$ ): 37100mm<sup>3</sup>

**Approximate Weight (without Gap): 195.0g/Set**



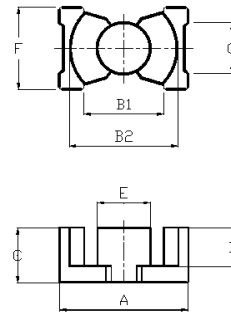
## PQ5050 Un-gapped

Test Conditions: 1KHz/150mV/CFR COIL,N=100/25°C

Material Grade	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH)/Set	$P_v$ (W/set)	Ordering code
CF139	2100 $\pm$ 20%	6200 +30%/-20%	$\leq$ 3.70 (100mT,100kHz, 100°C)	CF139 PQ5050

## Dimensions:

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	51.0	51.7	50.3
B1	-	-	32.0
B2	44.0	44.7	43.3
C	25.0	25.25	24.75
D	18.05	18.35	17.75
E	20.0	20.35	19.65
F	32.0	32.6	31.4



For Cosmo Ferrites Limited-INDIA

Checked By: J.C.  
 Approved By: B.S.  
 Authorized By: KSR  
 Date: 09-10-2022 (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.**