

# PRODUCT DATA APPROVAL SHEET

Core- EC4215

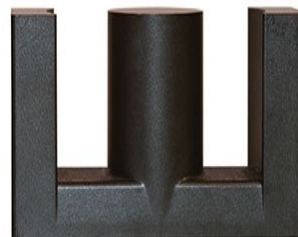
Cosmo Ferrites Ltd. - INDIA

**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 ( $L_e$ ): 99.1mm
- Effective Area ( $A_e$ ): 203.0mm<sup>2</sup>
- Effective Area ( $A_{Min}$ ): 188.0mm<sup>2</sup>
- Effective Volume ( $V_e$ ): 20117mm<sup>3</sup>

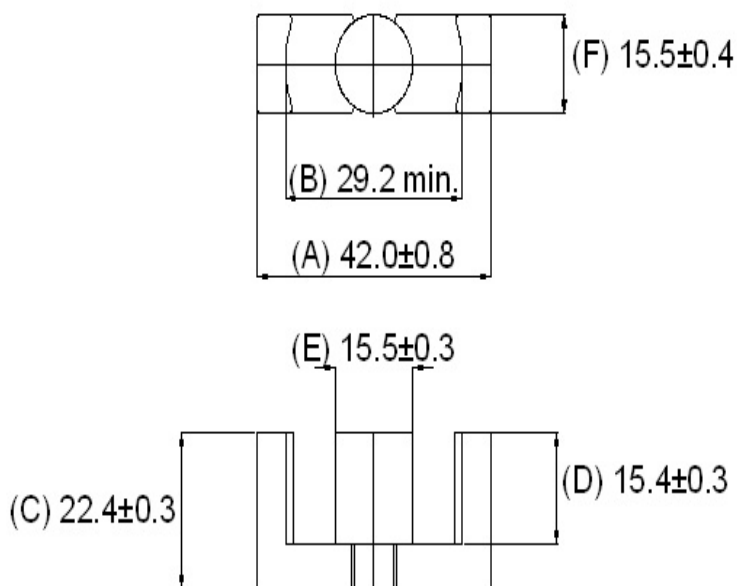
**Approximate weight (without Gap): 103g/Set**



## EC4215 OL(Un-gapped)

**Test Conditions: 1kHz/1mT/CFR COIL, N=100/Lo=85.5uH/25°C**

Material Grade	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH)	$\mu_e$ Approx.	$P_V$ (W/set)	Ordering code
CF139	2100 $\pm$ 20%	4500 +30%/-20%	$\approx$ 1760	$\leq$ 2.01(100mT, 100kHz, 100°C)	CF139EC4215OL



Checked By: A.K.  
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 Date: 12-03-2014(ISSUE NO.1)

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