PRODUCT DATA APPROVAL SHEET

Core- EE3611

# 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<sub>e</sub>): 80.8mm
- Effective Area (A<sub>e</sub>): 118.0mm<sup>2</sup>
- Effective Area (A<sub>Min</sub>): 106.3mm<sup>2</sup>
- Effective Volume (V<sub>e</sub>): 9536mm<sup>3</sup>

Approximate weight (without Gap): 48g

### EE3611 Un-gapped (OL)

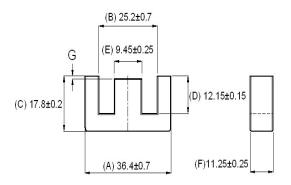
#### Test Conditions: 1kHz/1mT/CFR COIL,N=100/Lo=62.68uH/25°C

Material Grade	Initial Permeability (µ <sub>iac</sub> )	AL Value (nH)/Set	μ <sub>e</sub> Approx./Set	P <sub>v</sub> (W/set)	
CF139	2100 ±20%	3250 +30%/-20%	≈ <b>1776</b>	≤0.95(100mT,100kHz,100 <sup>0</sup> C)	

## EE3611 Gapped

#### Test Conditions: 1kHz/300mV/CFR COIL,N=100/Lo=62.68uH/25°C

		S, T		D		
Material Grade	AL Value in nH/Set	Gap Approx. (mm)/Pc	μ <sub>e</sub> Approx./Set	Gap Approx. (mm)/pc	µ <sub>e</sub> Approx./Set	
CF139	271 ± 8%	≈ 0.60	≈ 146	≈ 0.30	≈ 146	
		S, T		D		
Material Grade	Gap Value in mm	AL-Value Approx. (nH)/Set	μ <sub>e</sub> Approx./Set	AL Approx. (nH)/Set	µ <sub>e</sub> Approx./Set	
CF139	0.30 ± 0.04	≈ 448	≈ 241	≈ 271	≈ 146	
CF139	0.50 ± 0.04	≈ 306	≈164	≈ 182	≈ 98	



Customer's Approval Authorized Signatory: Name: Date:



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