



# PRODUCT DATA APPROVAL SHEET

Core-EFF2007

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)

Parameter	Value	Unit
Effective Length ( $L_e$ ):	47	mm
Effective Area ( $A_e$ ):	31	mm <sup>2</sup>
Effective Area ( $A_{min}$ ):	29	mm <sup>2</sup>
Effective Volume ( $V_e$ ):	1460	mm <sup>3</sup>
Approximate weight(m):	7.1	g/set



**“Clamping force for AL measurement is  $20 \pm 10$  N, unless otherwise stated”**

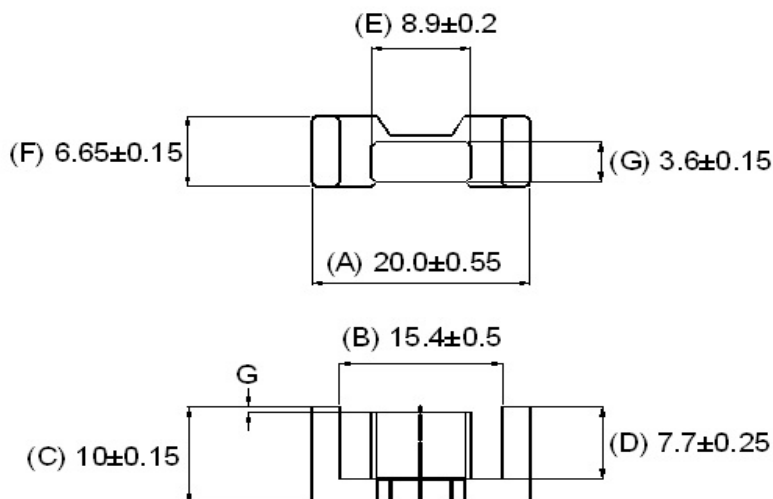
## EFF2007 Un-gapped (OL)

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

Material Grade	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH)	$\mu_e$ Approx./Set	$P_v$ (W/set) (25kHz,200mT, 100°C)	$P_v$ (W/set) (100kHz,100mT, 100°C)	$P_v$ (W/set) (100kHz,200mT, 100°C)	Ordering code
CF139	2100 $\pm$ 20%	1250 +30%/-20%	$\approx$ 1500	$\leq$ 0.17	$\leq$ 0.15	$\leq$ 1.05	CF139 EFF2007 OL

## EFF2007 Gapped

Material Grade	AL Value nH/Set	S, T		D		Ordering Code
		Gap approx. (mm)	$\mu_e$ Approx./Set	Gap approx. (mm)	$\mu_e$ Approx./Set	
CF139	105 $\pm$ 5%	$\approx$ 0.46	$\approx$ 127	$\approx$ 0.23	$\approx$ 127	CF139 EFF2007 AL 105 S/T/D
CF139	450 $\pm$ 15%	$\approx$ 0.06	$\approx$ 543	-	-	CF139 EFF2007 AL 450 S/T



General Terms & Conditions



Checked By: A.K.  
Approved By: B.S.  
Authorized By: KSR  
Date: 05-01-2017  
Rev. No.: 03

Customer's Approval  
Authorized Signatory:  
Name:  
Date:

General Terms & Conditions



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