



# PRODUCT DATA APPROVAL SHEET

Core-CF139PQ2016

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 ( $L_e$ ):	37.6	mm
Effective Area ( $A_e$ ):	61.9	mm <sup>2</sup>
Effective Area ( $A_{min}$ ):	59.1	mm <sup>2</sup>
Effective Volume ( $V_e$ ):	2330	mm <sup>3</sup>
Approximate weight(m):	25	g/set



"Clamping force for AL measurement is  $30 \pm 10$  N, unless otherwise stated"

## PQ2016 Un-gapped (OL)

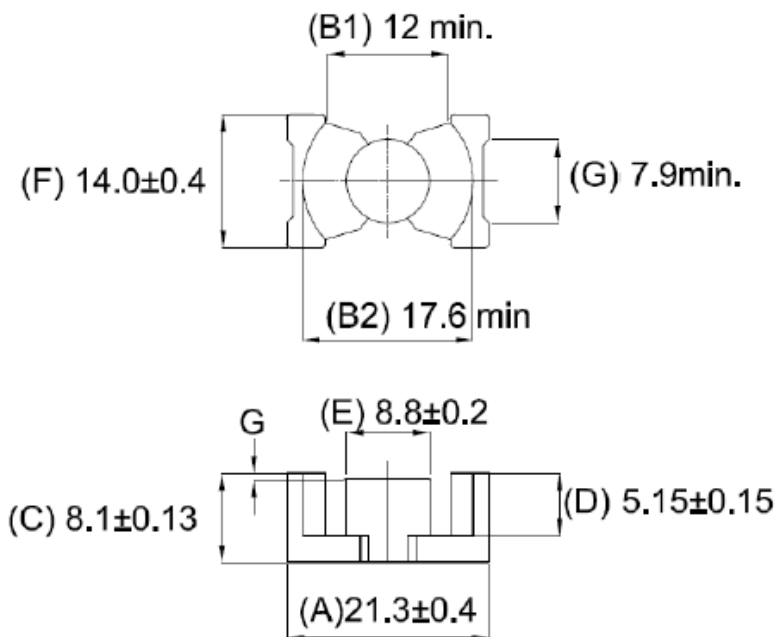
Test Conditions: 1kHz/1mT/CFR COIL, N=100/25 °C

Material Grade	Initial Permeability( $\mu_{iac}$ )	AL Value (nH)	$\mu_e$ Approx./Set	$P_V$ (W/set) (100kHz,100mT, 100°C)	$P_V$ (W/set) (100kHz,200mT, 100°C)	Ordering code
CF139	2100 $\pm$ 20%	2700 +30%/-20%	$\approx$ 1546	$\leq$ 0.22	$\leq$ 1.28	CF139PQ2016 OL

## PQ2016 Gapped

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

Material Grade	AL(nH) Approx. /Set	S, T		D		Ordering code
		Gap Value in mm/Pc	$\mu_e$ Approx./Set	Gap Value in mm/Pc	$\mu_e$ Approx./Set	
CF139	400 $\pm$ 4%	$\approx$ 0.2	$\approx$ 185	$\approx$ 0.1	$\approx$ 185	CF139PQ2016 AL400nH S/T/D



General Terms & Conditions



Checked By: A.K.  
Approved By: B.S.  
Authorized By: KSR  
Date: 11-08-2015  
Rev. No.: 02

Customer's Approval  
Authorized Signatory:  
Name:  
Date:

General Terms & Conditions



Semic Trade, s.r.o., Volutová 2521/18, 158 00 Praha 5  
Telephone: +420 251 625 331, 251 625 332, 251 625 377  
GSM: +420 605 999 994 Fax:+420 251 626 252, 251 626 393



[www.semic.cz](http://www.semic.cz)  
[semic@semic.cz](mailto:semic@semic.cz)