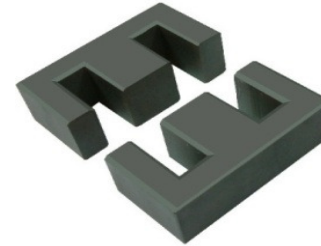


**Appearance & Shape:** To be free from any defect such as flow, burrs, unevenness etc, as per IEC standards.  
Effective Parameters irrespective of material grade (per set)

Parameter	Value	Unit
Effective Length ( $L_e$ ):	37.6	mm
Effective Area ( $A_e$ ):	20.1	mm <sup>2</sup>
Effective Area ( $A_{min}$ ):	19.4	mm <sup>2</sup>
Effective Volume ( $V_e$ ):	756	mm <sup>3</sup>
Approximate weight(m):	3.6	g/set



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

## EE1605N Un-gapped (OL)

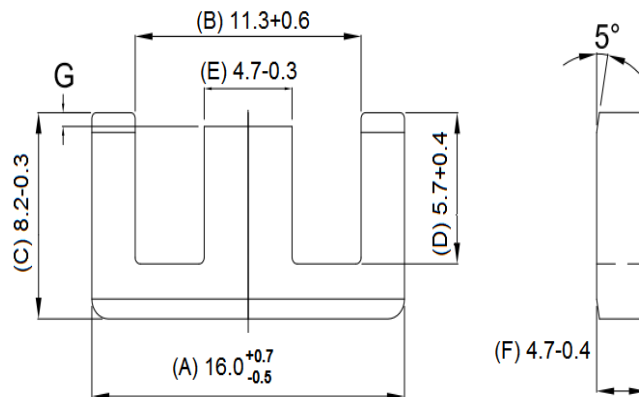
Test Conditions: 1kHz/1mT/CFR COIL, N=100/25°C

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
CF297	2300±20%	1100 +30%/-20%	≈ 1680	≤ 0.076	≤ 0.061	≤ 0.32	CF297 EE1605N OL

## EE1605N Gapped

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

Material Grade	Gap-Value (mm)/Pc	S, T		D		Ordering Code
		AL-Value Approx. (nH)/Set	$\mu_e$ Approx. /Set	AL-Value Approx. (nH)/Set	$\mu_e$ Approx. /Set	
CF297	0.05 ±0.02	≈ 305	≈ 453	-	-	CF297 EE1605N G 0.05 S/T
CF297	0.06 ±0.02	≈ 303	≈ 450	-	-	CF297 EE1605N G 0.06 S/T
CF297	0.07 ±0.02	≈ 298	≈ 446	-	-	CF297 EE1605N G 0.07 S/T
CF297	0.10 ±0.02	≈ 212	≈ 316	≈ 130	≈ 194	CF297 EE1605N G 0.10 S/T/D
CF297	0.20 ±0.02	≈ 130	≈ 194	≈ 80	≈ 119	CF297 EE1605N G 0.20 S/T/D
CF297	0.24 ±0.02	≈ 115	≈ 171	≈ 70	≈ 105	CF297 EE1605N G 0.24 S/T/D
CF297	0.25 ±0.02	≈ 111	≈ 166	≈ 68	≈ 102	CF297 EE1605N G 0.25 S/T/D
CF297	0.30 ±0.02	≈ 98	≈ 146	≈ 60	≈ 90	CF297 EE1605N G 0.30 S/T/D
CF297	0.50 ±0.05	≈ 68	≈ 102	≈ 42	≈ 63	CF297 EE1605N G 0.50 S/T/D
CF297	1.00 ±0.05	≈ 42	≈ 63	≈ 21	≈ 31	CF297 EE1605N G 1.00 S/T/D



General Terms & Conditions



Checked By: A.K.  
Approved By: B.S.  
Authorized By: KSR  
Date: 17-11-2017  
Rev. No.: 03

Customer's Approval  
Authorized Signatory:  
Name:  
Date:

General Terms & Conditions

