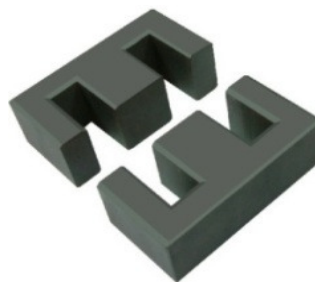


Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc, As per IEC standards.
Effective Parameters irrespective of material grade (per set)

- Effective Length (L_e): 37.6mm
- Effective Area (A_e): 20.1mm²
- Effective Area (A_{Min}): 19.4mm²
- Effective Volume (V_e): 756mm³

Approximate weight (without Gap): 3.6 g/Set



EE1605 Un-gapped (OL)

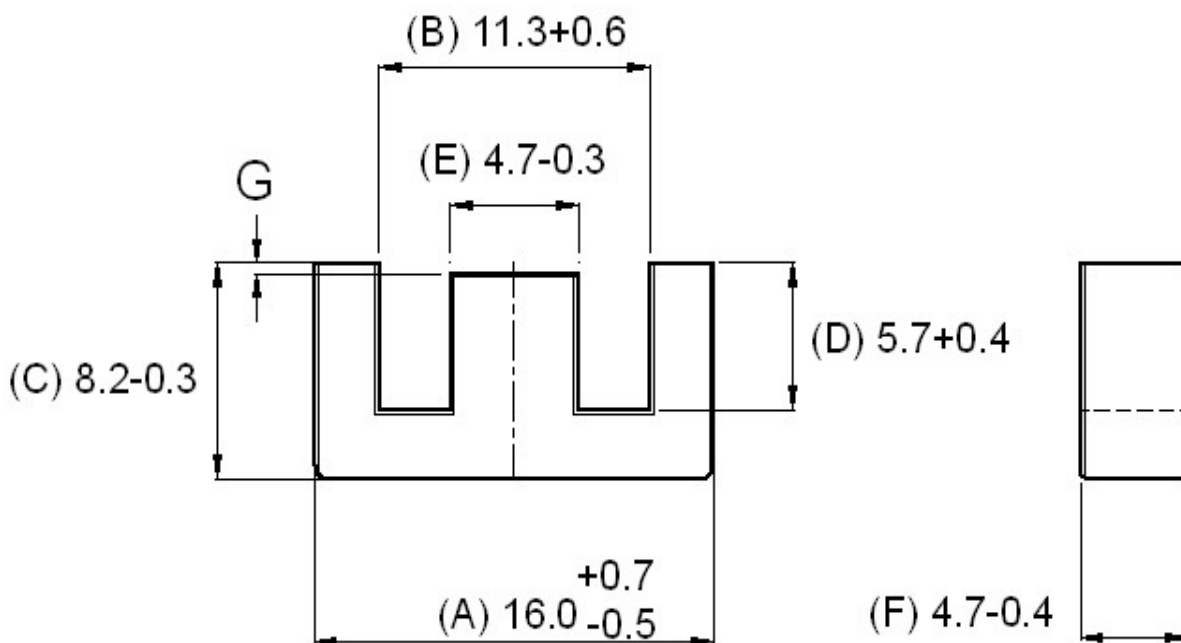
Test Conditions: 1kHz/1mT/CFR COIL, N=100/25°C

Material Grade	Initial Permeability (μ_{iac})	AL Value (nH)/Set	μ_e Approx./Set	P_v (W/set)	Ordering code
CF196	2000 $\pm$ 20%	1000 +30%/-20%	$\approx$ 1548	$\leq$ 1.04(200mT,16kHz, 100°C)	CF196EE1605 OL
CF138	2100 $\pm$ 20%	1050 +30%/-20%	$\approx$ 1572	$\leq$ 0.083(100mT,100kHz, 100°C)	CF138EE1605 OL
CF139	2100 $\pm$ 20%	1050 +30%/-20%	$\approx$ 1572	$\leq$ 0.080(100mT,100kHz, 100°C)	CF139EE1605 OL

EE1605 Gapped

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

Material Grade	Gap-Value(mm)/Pc	S, T)		D)		Ordering Code
		Approx.AL-Value (nH)/Set	μ_e Approx./Set	Approx.AL-Value (nH)/Set	μ_e Approx./Set	
CF138/CF139	0.05 $\pm$ 0.02	$\approx$ 305	$\approx$ 453	-	-	CF138/CF139 EE1605 G 0.05 S
CF138/CF139	0.06 $\pm$ 0.02	$\approx$ 303	$\approx$ 450	-	-	CF138/CF139 EE1605 G 0.06 S
CF138/CF139	0.07 $\pm$ 0.02	$\approx$ 298	$\approx$ 446	-	-	CF138/CF139 EE1605 G 0.07 S
CF138/CF139	0.10 $\pm$ 0.02	$\approx$ 212	$\approx$ 316	$\approx$ 130	$\approx$ 194	CF138/CF139 EE1605 G 0.10 S/T/D
CF138/CF139	0.20 $\pm$ 0.02	$\approx$ 130	$\approx$ 194	$\approx$ 80	$\approx$ 119	CF138/CF139 EE1605 G 0.20 S/T/D
CF138/CF139	0.24 $\pm$ 0.02	$\approx$ 115	$\approx$ 171	$\approx$ 70	$\approx$ 105	CF138/CF139 EE1605 G 0.24 S/T/D
CF138/CF139	0.25 $\pm$ 0.02	$\approx$ 111	$\approx$ 166	$\approx$ 69	$\approx$ 102	CF138/CF139 EE1605 G 0.25 S/T/D
CF138/CF139	0.30 $\pm$ 0.02	$\approx$ 98	$\approx$ 146	$\approx$ 60	$\approx$ 90	CF138/CF139 EE1605 G 0.30 S/T/D
CF138/CF139	0.50 $\pm$ 0.05	$\approx$ 68	$\approx$ 102	$\approx$ 42	$\approx$ 63	CF138/CF139 EE1605 G 0.50 S/T/D
CF138/CF139	1.00 $\pm$ 0.05	$\approx$ 42	$\approx$ 63	$\approx$ 21	$\approx$ 31	CF138/CF139 EE1605 G 1.00 S/T/D
CF196	0.24 $\pm$ 0.02	$\approx$ 115	$\approx$ 171	$\approx$ 70	$\approx$ 105	CF196 EE1605 G 0.24 S/T/D
CF196	0.25 $\pm$ 0.02	$\approx$ 111	$\approx$ 166	$\approx$ 69	$\approx$ 102	CF196 EE1605 G 0.25 S/T/D
CF196	0.30 $\pm$ 0.02	$\approx$ 98	$\approx$ 146	$\approx$ 60	$\approx$ 90	CF196 EE1605 G 0.30 S/T/D



For Cosmo Ferrites Limited-INDIA
 Checked By: A.K.
 Approved By: B.S.
 Authorized By: KSR
 Date: 06-08-2014 (ISSUE NO.5)

Customer's Approval
 Authorized Signatory:
 Name:
 Date:



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