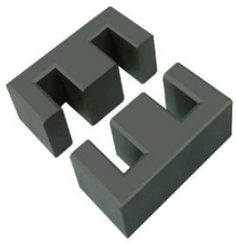
Core-CF297EE4215

PRODUCT DATA APPROVAL SHEET

Cosmo Ferrites Ltd. - INDIA

- Effective Length (L_e): 97.0mm
- Effective Area (A_e): 181.0mm^2
- Effective Area (A_{Min}): 175.0mm^2
- Effective Volume (V_e): 17600mm^3

Approximate weight (without Gap): 84g/Set



"Clamping force for AL measurement is 40±20N,Unless otherwise stated"

EE4215 Un-gapped (OL)

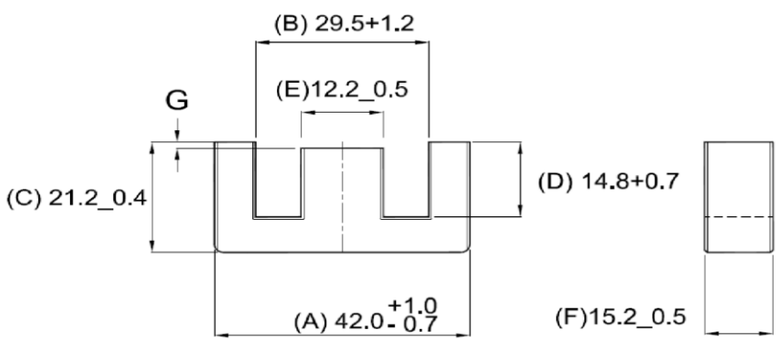
Test Conditions: 1kHz/1mT/CFR COIL,N=100/25˚C

Material Grade	Initial Permeability (μ_{iac})	AL Value (nH)/Set	μ_e Approx./Set	P_V (W/set) (25kHz,200mT , 100^{0}C)	P_V (W/set) (100kHz,100mT , 100^{0}C)	P_V (W/set) (100kHz,200mT , 100^{0}C)
CF297	2300 ±20%	4400 +30%/-20%	≈ 1890	≤2.0	≤1.58	≤8.50

EE4215 Gapped

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

Material Grade	Gap Value in mm/Pc	S, T **)		D **)	
		AL Approx. (nH)/Set	μ_e Approx./Set	AL Approx. (nH)/Set	μ_e Approx./Set
CF297	0.10 ±0.02	≈ 1504	≈ 653	≈ 900	≈ 393
CF297	0.25 ±0.02	≈ 763	≈ 334	≈ 457	≈ 201
CF297	0.50 ±0.04	≈ 457	≈ 201	≈ 280	≈ 121
CF297	0.60 ±0.05	≈ 400	≈ 175	≈ 242	≈ 106
CF297	1.00 ±0.05	≈ 280	≈ 121	≈ 166	≈ 73
CF297	1.50 ±0.05	≈ 203	≈ 91	≈ 124	≈ 55
CF297	2.00 ±0.05	≈ 166	≈ 73	-	-
Material Grade	AL-Value(nH) /Set	S, T **)		D **)	
		Gap Approx. (mm)/Pc	μ_e Approx./Set	Gap Approx. (mm)/Pc	μ_e Approx./Set
CF297	760 ±5%	≈ 0.27	≈ 333	≈ 0.14	≈ 333



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