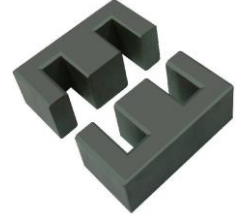


# PRODUCT DATA APPROVAL SHEET

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

- Effective Length ( $L_e$ ): 97.0mm
- Effective Area ( $A_e$ ): 181.0mm<sup>2</sup>
- Effective Area ( $A_{Min}$ ): 175.0mm<sup>2</sup>
- Effective Volume ( $V_e$ ): 17600mm<sup>3</sup>  
 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( $\mu_{iac}$ )	AL Value (nH)/Set	$\mu_e$ 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)
CF139	2100 ±20%	4100 +30%/-20%	≈ 1750	≤2.20	≤1.7	≤8.8

## 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	$\mu_e$ Approx./Set	AL Approx. (nH)/Set	$\mu_e$ Approx./Set
CF139	0.10 ±0.02	≈ 1500	≈ 650	≈ 896	≈ 390
CF139	0.25 ±0.02	≈ 760	≈ 330	≈ 455	≈ 197
CF139	0.50 ±0.04	≈ 455	≈ 197	≈ 277	≈ 118
CF139	0.60 ±0.05	≈ 397	≈ 172	≈ 238	≈ 103
CF139	1.00 ±0.05	≈ 272	≈ 118	≈ 163	≈ 70
CF139	1.50 ±0.05	≈ 200	≈ 87	≈ 120	≈ 52
CF139	2.00 ±0.05	≈ 163	≈ 70	-	-

Material Grade	AL-Value(nH)/Set	S, T **)		D **)	
		Gap Approx. (mm)/Pc	$\mu_e$ Approx./Set	Gap Approx. (mm)/Pc	$\mu_e$ Approx./Set
CF139	760 ±5%	≈ 0.25	≈ 330	≈ 0.13	≈ 330

