



# PRODUCT DATA APPROVAL SHEET

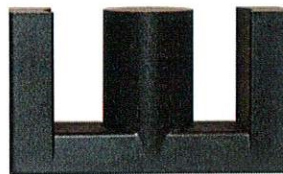
Core-CF295ETD4917

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 ( $L_e$ ):	114	mm
Effective Area ( $A_e$ ):	211	mm <sup>2</sup>
Effective Area ( $A_{min}$ ):	209	mm <sup>2</sup>
Effective Volume ( $V_e$ ):	24000	mm <sup>3</sup>
Approximate weight(m):	115	g/set



“Clamping force for AL measurement is  $50 \pm 20$  N, unless otherwise stated”

## ETD4917 Un-gapped (OL)

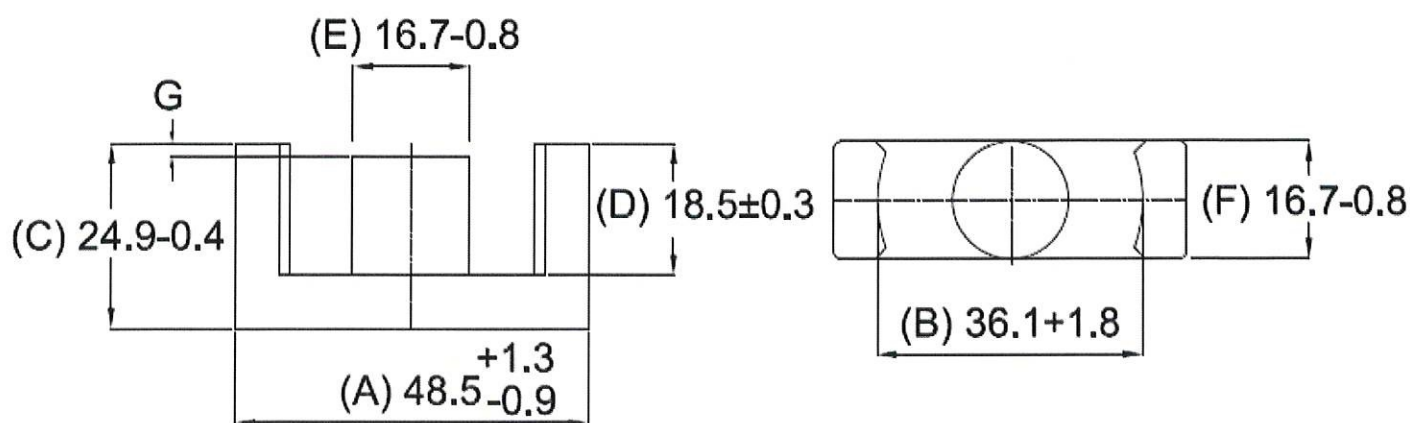
Test Conditions: 1kHz/1mT/CFR COIL, N=100/25°C

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
CF295	3000±20%	5000+30%/-20%	≈2145	≤ 3.2	≤ 2.4	≤ 14.4	CF295 ETD4917

## ETD4917 Gapped

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

Material Grade	Gap Value in mm/Pc	S, T		D		Ordering code
		AL(nH) Approx. /Set	$\mu_e$ Approx./Set	AL(nH) Approx. /Set	$\mu_e$ Approx./Set	
CF295	0.10 ± 0.02	≈ 1880	≈ 808	≈ 1120	≈ 481	CF295 ETD4917 G 0.1
CF295	0.50 ± 0.05	≈ 550	≈ 236	≈ 320	≈ 137	CF295 ETD4917 G 0.5
CF295	0.70 ± 0.05	≈ 429	≈ 184	≈ 248	≈ 106	CF295 ETD4917 G 0.7
CF295	1.0 ± 0.05	≈ 320	≈ 137	≈ 192	≈ 82	CF295 ETD4917 G 1.0
CF295	1.4 ± 0.05	≈ 248	≈ 106	≈ 150	≈ 64	CF295 ETD4917 G 1.4
CF295	1.5 ± 0.05	≈ 236	≈ 101	≈ 142	≈ 61	CF295 ETD4917 G 1.5
CF295	2.0 ± 0.05	≈ 192	≈ 82	-	-	CF295 ETD4917 G 2.0
CF295	3.0 ± 0.05	≈ 142	≈ 61	-	-	CF295 ETD4917 G 3.0



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