

# PRODUCT SPECIFICATION DATA SHEET

Core- T8520

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 piece)**

- Effective Length ( $L_e$ ): 230.8mm
- Effective Area ( $A_e$ ): 228.0mm<sup>2</sup>
- Effective Area ( $A_{Min}$ ): 228.0mm<sup>2</sup>
- Effective Volume ( $V_e$ ): 70030mm<sup>3</sup>

**Approximate weight : 340g/pc**



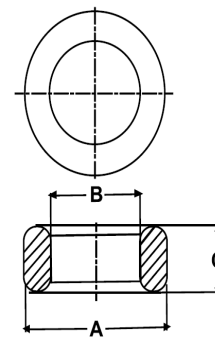
## T8520OL (Un-Coated)

**Test Conditions: 10kHz/150mV/CFR COIL,N=01/Lo=Zero/25°C**

Material Grade	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH)	Ordering code
CF196	2000 $\pm$ 20%	2450 +30%/-20%	CF196T8520
CF139	2100 $\pm$ 20%	2600 +30%/-20%	CF139T8520
CF130	3000 $\pm$ 20%	3700 +30%/-20%	CF130T8520
CF195A	5000 $\pm$ 20%	6200 +30%/-20%	CF195AT8520
CF265	5000 $\pm$ 20%	6200 +30%/-20%	CF265T8520
CF190	6000 $\pm$ 20%	7400 +30%/-20%	CF190T8520
CF197	7000 $\pm$ 20%	8700 +30%/-20%	CF197T8520

## Dimensions :(Un-coated Cores)

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	85.0	86.5	83.5
B	62.0	63.5	60.5
C	20.0	21.0	19.0



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