

# PRODUCT SPECIFICATION DATA SHEET

Core- T8530

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 ( $L_e$ ): 227.1mm
- Effective Area ( $A_e$ ): 342.2mm<sup>2</sup>
- Effective Area ( $A_{Min}$ ): 342.2mm<sup>2</sup>
- Effective Volume ( $V_e$ ): 77710mm<sup>3</sup>

**Approximate weight : 375.0g/pc**



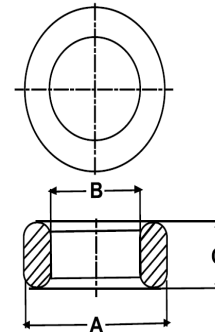
## T8530OL (Un-Coated)

**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%	3800 +30%/-20%	CF196T8530
CF139	2100 $\pm$ 20%	4000 +30%/-20%	CF139T8530
CF130	3000 $\pm$ 20%	5700 +30%/-20%	CF130T8530
CF195A	5000 $\pm$ 20%	9450 +30%/-20%	CF195AT8530
CF265	5000 $\pm$ 20%	9450 +30%/-20%	CF265T8530
CF190	6000 $\pm$ 20%	11300 +30%/-20%	CF190T8530
CF197	7000 $\pm$ 20%	13200 +30%/-20%	CF197T8530
CF199	9000 $\pm$ 20%	18900 $\pm$ 30%	CF199T8530

## 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	30.0	31.0	29.0



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