



## PRODUCT DATA SHEET

## CORE – T5818

**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)

Parameter	Value	Unit
Effective Length ( $L_e$ )	152.4	mm
Effective Area ( $A_e$ )	152.4	mm <sup>2</sup>
Effective Area ( $A_{Min}$ )	152.4	mm <sup>2</sup>
Effective Volume ( $V_e$ )	23225	mm <sup>3</sup>
Approx. Weight (without gap)	113.3	g/piece



### T5818 Coated (Green)

**Test Conditions:** 10kHz/150mV/CFR COIL, N=01/ $L_0$ =Zero/25°C

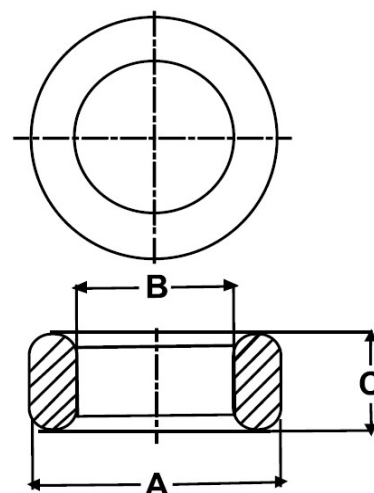
Material Grade	Initial Permeability ( $\mu_{iac}$ )	AL Value (nH)	D. Strength (kV)	Ordering code
CF195	5000 $\pm$ 20%	6000 +30%/-20%	$\geq$ 2.0	CF195 T5818 C
CF190	6000 $\pm$ 20%	7500 +30%/-20%	$\geq$ 2.0	CF190 T5818 C
CF197	7000 $\pm$ 20%	8400 +30%/-20%	$\geq$ 2.0	CF197 T5818 C
CF199	9000 $\pm$ 20%	10800 +30%/-30%	$\geq$ 2.0	CF199 T5818 C

### Dimensions Un-Coated Core (in mm)

Dimension	Nominal	Maximum	Minimum
A	58.3	59.3	57.3
B	40.8	41.6	40.0
C	17.6	18.1	17.1

### Dimensions Coated Core (in mm)

Dimension	Nominal	Maximum	Minimum
A	-	60.1	-
B	-	-	39.2
C	-	18.9	-



- Ferrite material for the product is in compliance with RoHS directive 2011/65/EU
- Epoxy Coating is UL Approved, UL file number E483791
- Coating material for the product is in compliance with RoHS directive 2011/65/EU

For general terms and conditions please visit

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