



PRODUCT DATA APPROVAL SHEET

Core- T1205C

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)

Parameter	Value	Unit
Effective Length (L_e):	30.1	mm
Effective Area (A_e):	12.2	mm ²
Effective Area (A_{min}):	12.2	mm ²
Effective Volume (V_e):	368	mm ³
Approximate weight(m):	1.9	g/pc



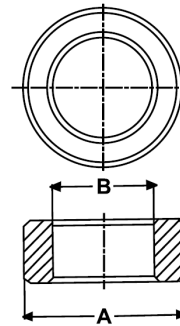
T1205 Coated (Green)

Test Conditions: 10kHz,100kHz,200kHz &400kHz/150mV/CFR COIL, N=01/Lo=Zero/25°C

Material Grade	Initial Permeability (μ_{iac})	AL Value (nH) 10kHz/150mV	AL Value (nH) 100kHz/150mV	AL Value (nH) 200kHz/150mV	AL Value (nH) 400kHz/150mV	D.Strength (kV)	Ordering code
CF191	4300 ±20%	2200 +30%/-20%	2200 ±25%	2200 ±25%	2200 ±25%	>1.5	CF191T1205 C
CF195B	5000 ±20%	2500 +30%/-20%	2500 ±25%	2500 ±25%	2500 ±25%	>1.5	CF195BT1205 C
CF265	5000 ±20%	2500 +30%/-20%	2500 ±25%	2500 ±25%	2500 ±25%	>1.5	CF265T1205 C
CF190	6000 ±20%	3050 +30%/-20%	3050 ±25%	3050 ±25%	2000 ±25%	>1.5	CF190T1205 C
CF197A	7000 ±20%	3550 +30%/-20%	3550 ±25%	-	-	>1.5	CF197AT1205 C
CF199	9000 ±20%	4600 ±30%	4600 ±30%	-	-	>1.5	CF199T1205 C

Dimensions: (Un-Coated Core)

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	12.5	12.9	12.1
B	7.5	7.9	7.1
C	5.0	5.3	4.7



Dimensions: (Coated Core)

Dimension	Nominal (in mm)	Maximum (in mm)	Minimum (in mm)
A	-	13.4	-
B	-	-	6.6
C	-	5.8	-

1. Ferrite material for the product is in compliance with RoHS directive 2011/65/EU.
2. Epoxy Coating is UL Approved, UL file number E466713 / E317134.
3. Coating material for the product is in compliance with RoHS directive 2011/65/EU.

General Terms & Conditions



Checked By: A.K.
 Approved By: B.S.
 Authorized By: KSR
 Date: 07-06-2016
 Rev. No.: 03

Customer's Approval
 Authorized Signatory:
 Name:
 Date:

General Terms & Conditions



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