# PRODUCT DATA APPROVAL SHEET

Core- T20225

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 ($L_e$): | 550.5 | mm |
| Effective Area ($A_e$): | 608.6 | $mm^2$ |
| Effective Area ($A_{min}$): | 608.6 | $mm^2$ |
| Effective Volume ($V_e$): | 335035 | $mm^3$ |
| Approximate weight(m): | 1600 | g/pc |

## T20225Coated (Green)

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

| Material Grade | Initial Permeability ($\mu_{iac}$) | AL Value (nH) 10kHz/150mV | D.Strength (kV) |
|---|---|---|---|
| CF265 | 5000 ±20% | 6700 +30%/-20% | >2.0 |
| CF275 | 7000±20% | 8800 +30%/-20% | >2.0 |

## T20225 Un-Coated

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

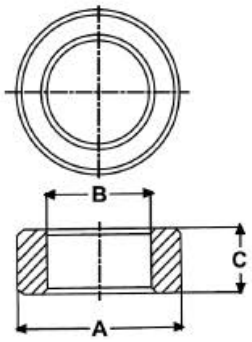
| Material Grade | Initial Permeability ($\mu_{iac}$) | AL Value (nH) 10kHz/150mV |
|---|---|---|
| CF265 | 5000 ±20% | 6700 +30%/-20% |
| CF275 | 7000±20% | 8800 +30%/-20% |

## Dimensions: (Un-Coated Core)

| Dimension | Nominal (in mm) | Maximum (in mm) | Minimum (in mm) |
|---|---|---|---|
| A | 202 | 206 | 198 |
| B | 153 | 156 | 150 |
| C | 25 | 26.5 | 23.5 |

## Dimensions: (Coated Core)

| Dimension | Nominal (in mm) | Maximum (in mm) | Minimum (in mm) |
|---|---|---|---|
| A | - | 207 | - |
| B | - | - | 149 |
| C | - | 27.5 | - |




1. Coating material for the product is in compliance with RoHS directive 2011/65/EU.
2. Epoxy Coating is UL Approved, UL file number can be provided on request.
3. Ferrite material in compliance with RoHS directive 2002/95/EC.

**Prodin Ferrite S.L.**

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