



CCNT-065-055-010-STBK

Nanocrystalline toroidal core 65x55x10 mm

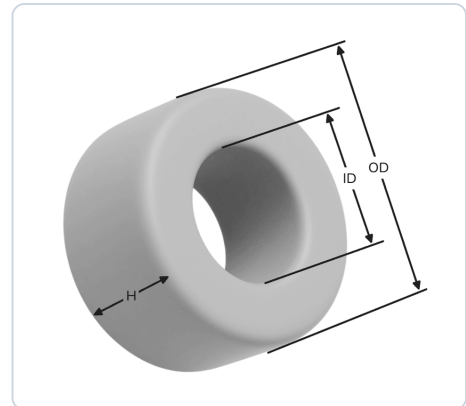
DIMENSIONS

Parameter	Bare (mm)	Cased (mm)
Outside diameter (OD)	65	68.5
Inside diameter (ID)	55	52
Height (H)	10	13.5

Dimensions Summary: Bare OD 65mm x ID 55mm x H 10mm; Cased OD 68.5mm x ID 52mm x H 13.5mm

Finished tolerance: TYP

Case marking uses bare core dimensions.



CORE PROPERTIES

A_{Fe}	—	L_{Fe}	—	B_s	1.25 T	μ_i	80,000
Working temp	−40°C – +130°C	Curie	560 °C	Casing	PBT Class B 130C	Weight	58 g

INDUCTANCE FACTOR AL ($\mu H/N^2$)

—
($\mu H/N^2$)

DESIGN NOTE

AL , A_e , and L_e were not measured on this core. Size the winding from the published bare geometry. Size the winding to the finished inside diameter when it is published, not the bare ID. Keep peak flux within 1.25 T and continuous case temperature within the PBT Class B 130°C rating.

RECOMMENDED USAGE

Current Transformers | EMI Chokes | Pulse Transformers

DIY AND R&D

Diy Current-Transformer and Choke Winding | Benchtop Filter Tests

TECHNICAL APPLICATIONS

Low-Current Transformers | Common-Mode Chokes | Pulse Transformers

DOCUMENT CONTROL

Author	Created	Approver	Approved
Aditya K. CCNT-065-055-010-STBK	7 Apr 2026 https://centuracores.com/products/ccnt-065-055-010-stbk/	Mahavir S.	30 Apr 2026

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