



CCNRE-066-186-086-206-009-STBN

Nanocrystalline rectangular core 66x186x86x206x9 mm

DIMENSIONS					
Dimension	ID A	ID B	OD A	OD B	H

Bare (mm)	66	186	86	206	9
Cased (mm)	65	185	87	207	10

Finished tolerance: TYP
The part number uses the bare 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	Crepe tape	Weight	225 g

INDUCTANCE FACTOR AL ($\mu H/N^2$)	
—	
(μH/N²)	
—	

DESIGN NOTE
AL, Ae, and Le were not measured on this core. Size the winding from the published bare geometry. Use the bare dimensions for the magnetic path and the finished dimensions, when published, for winding clearance. Keep peak flux within 1.25 T. The core is tape wrapped; keep continuous duty within the wrap rating.

RECOMMENDED USAGE
Common-Mode Chokes | Busbar Filters | Low-Profile EMI Filters

DIY AND R&D
Diy Rectangular Choke Builds | Benchtop EMI Filter Experiments

TECHNICAL APPLICATIONS
Low-Profile Common-Mode Chokes | Busbar EMI Filters | Flat-Cable Line Filters

DOCUMENT CONTROL			
Author	Created	Approver	Approved
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