

Storage Choke, compact



Description

- Storage choke
- THT-terminals
- Inductor vertically positioned in housing
- Constant inductance at high alternating field modulation and large DC magnetization
- Reduced magnetic reversal

Standards

- EN 60938

Applications

- Storage of energy in switched power supplies
- Switch-mode
- Chopper amplifiers
- DC drives and stepper motor controls

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

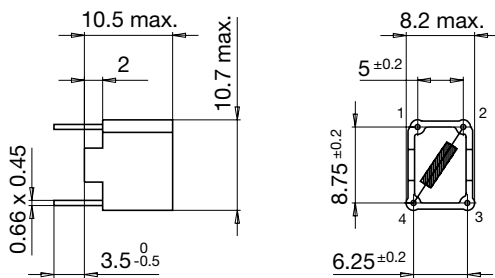
Rated voltage	up to 600VDC
Rated Current	0.6 - 1 A @ Ta 70 °C
Rated inductance	0.04 - 0.1 mH, Tol. ±15%
Power Operating Frequency	up to 1 MHz
Terminal Type	THT
Weight	1g
Material: Housing	UL 94V-0
Sealing Compound	UL 94V-0

Isolation Voltage	2 kV eff., winding to ambient
Climatic Category	40/125/21 acc. to IEC 60068-1
Allowable Operation Temp.	-40 °C to 125 °C

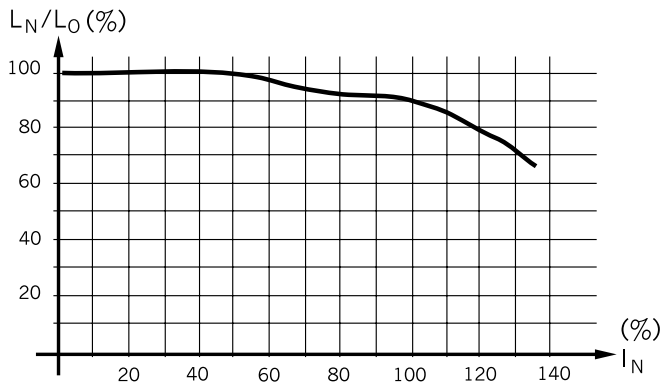
Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

Dimension

Case 48-1



Derating Curves



Inductance variation as function of the magnetizing current

All Variants

I_n [A]	L_n [mH]	R_{cu} [mΩ]	f_{RES} [MHz]	Weight [g]	Housings	Packing unit [pcs.]	Order Number
0.6	0.1	550	11	1 g	48-1	1	DSHP-6148-D6D1

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>