

Coin Cell Supercapacitor



See below:

Approvals and Compliances

Description

- Coin Cell Supercapacitor
- Radial design
- THT-terminals

Unique Selling Proposition

- Very compact design
- High power density
- Low leakage current
- Long lifetime

Applications

- Sensors
- Small mobile devices
- Smart Meter
- Computers and peripherals
- Office equipment
- Real-time clock backup

Weblinks

[pdf data sheet](#), [html datasheet](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

Rated Voltage	5.5V
Capacity	100 - 1500mF
Allowable Operation Temperature	-25 °C to 70 °C
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Mounting	PCB,THT
Soldering Methods	Wave
Weight	3.1 - 8.4g
Material: Terminals	Tin-plated

Approvals and Compliances

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

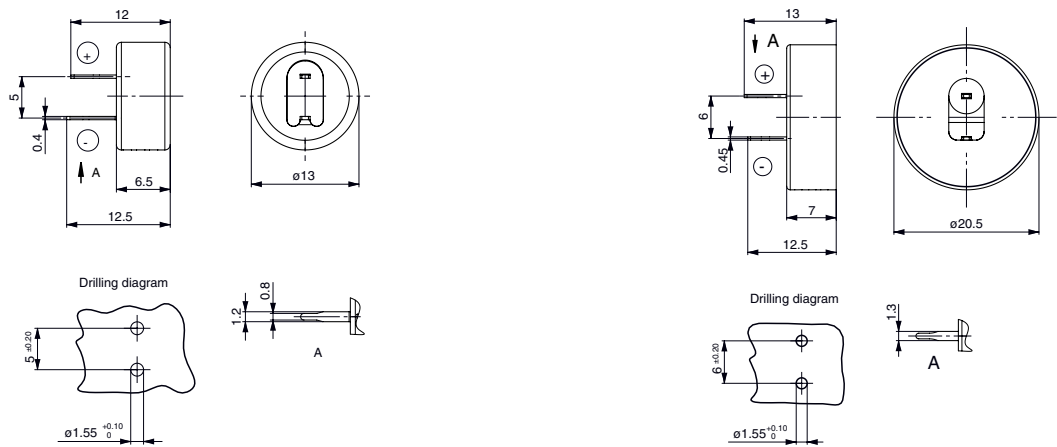
SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	UKCA declaration of conformity	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimension [mm]



Variants 3-158-694, 3-158-695, 3-158-696 and 3-158-697

Variants 3-158-698 and 3-158-699

Variants

Capacity (DC, 25°C) [mF]	Capacity Tolerance	ESR max. (AC@1kHz) [Ω]	Leakage Current max. (72 h, 5.0 V, 25°C) [μA]	RMS Current (25°C) [mA]	Peak Current max. (25°C) [mA]	Weight [g]	Packaging [PCS]	Order Number
100	-20% +150%	50	3	18	25	3.1	748	3-158-694
220	-20% +100%	40	4	26	32	3.2	748	3-158-695
330	-20% +80%	40	5	29	33	3.2	748	3-158-696
470	-10% +30%	40	6	30	33	3.2	748	3-158-697
1000	0 +30%	15	8	79	89	8.1	352	3-158-698
1500	0 +30%	10	12	118	133	8.4	352	3-158-699

Availability for all products can be searched real-time: <https://www.schurter.com/en/info-center/support-tools/stock-check-distributors>

Packaging Unit

100 - 470 mF: box (265x190x90mm) with 44 plastic tubes (255x15x15.5mm) of 17 pieces
1000 - 1500 mF: box (265x190x90mm) with 32 plastic tubes (255x22x16mm) of 11 pieces