

SMT Switch, 4.2x3.2 mm



See below:

[Approvals and Compliances](#)

Description

- Design 4.2x3.2 mm SMT mounting tactile

Unique Selling Proposition

- Microminiature size 4.2x3.2 mm
- Low profile 2.5mm height
- High number of cycles
- Reliable tactile feedback

Weblinks

[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [CAD-Drawings](#), [Product News](#), [Detailed request for product](#)

Technical Data

Electrical Data

Switching Voltage	1 VDC - 12 VDC
Switching current	10 μ A- 50 mA
Lifetime	100'000 actuations
Contact Resistance	max. 100 m Ω (initial) max. 500 m Ω after lifetime
Duration of Bounce	$\leq$ 5 ms

Mechanical Data

Actuating Force	180 $\pm$ 50 gf 250 $\pm$ 50 gf 400 $\pm$ 100 gf
Actuating Travel	0.2 $\pm$ 0.1 mm
End Stop Strength	30 N / 60 s

Climatical Data

Operating Temperature	-40 °C - 90 °C
Storage Temperature	-40 °C - 90 °C
IP-Protection	IP40

Soldering Data

Soldering Methods	Reflow
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Material

Terminals	Ag-plated Phosphor Bronze
Contact	Ag-plated Stainless Steel
Cover	Stainless Steel
Socket	LCP UL 94V-0
Actuator	LCP UL 94V-0

Approvals and Compliances

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

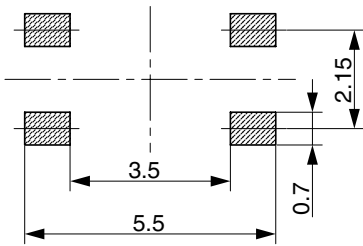
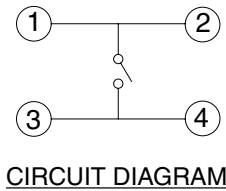
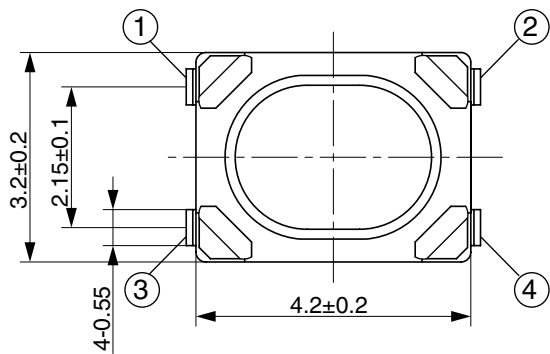
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Compliances

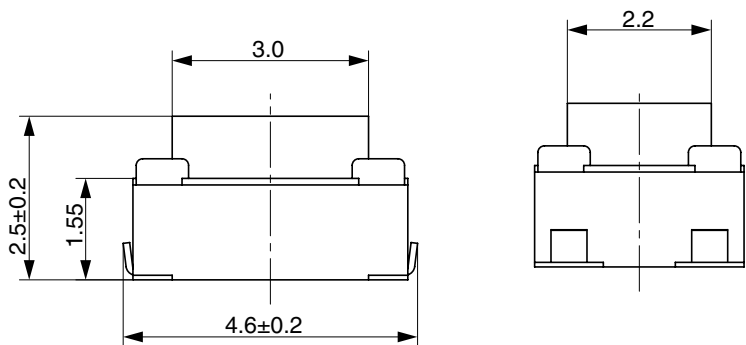
The product complies with following Guide Lines

Identification	Details	Initiator	Description
	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.

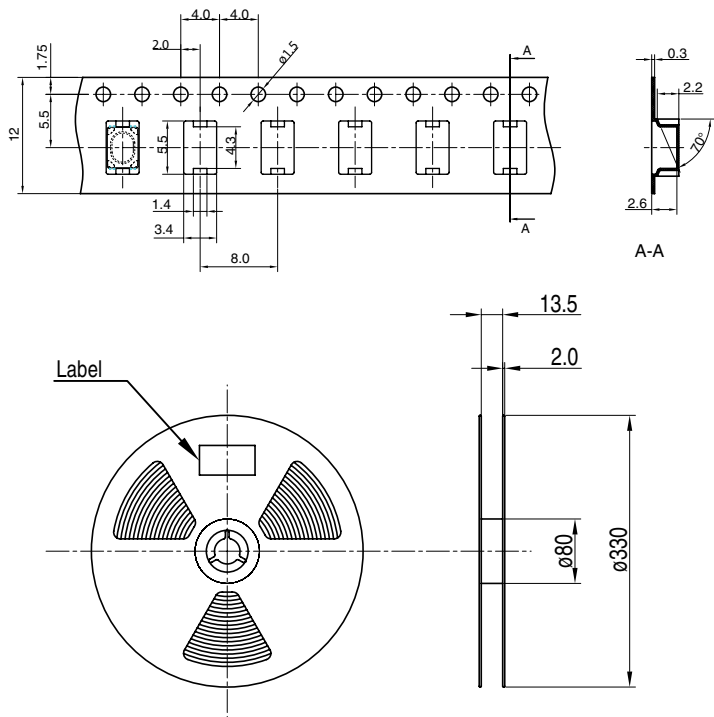
Dimension [mm]



P.C.B LAND DIMENSION



Tape & Reel dimension



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