

SOG SERIES

Super Thin Type Tactile Switch

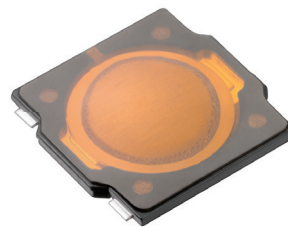
MITSUMI

FEATURES

- Original terminal structure reduces the mounting area
- Good feel from the wider pressing range
- High reliability due to dustproof design

APPLICATIONS

- Smartphones
- Digital cameras
- Gaming devices
- Wearables
- Other electronic devices - consumer, medical, commercial



PART NUMBER CODE

Series	Earth Terminal	Fixed Character	Operating Force	Air Vent	Positioning Boss	Packaging
S O G	1	5	2	A	N	T
SOG	1 (without)		2 (1.6N) 4 (2.35N)	A	N (without)	T (taping)

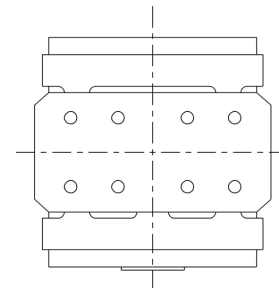
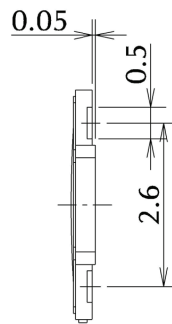
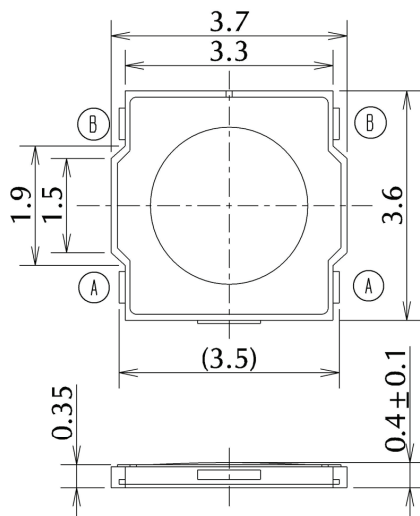
SPECIFICATIONS

Switch Type	SPST	Tactile
Electrical Characteristics	Rating (Resistive Load)	DC15V, 20mA
	Contact Resistance	1Ω or less
	Insulation Resistance	10MΩ or more
	Withstand Voltage	1 minute at AC 100V
Life	SOG-152ANT	1,000,000 times
	SOG-154ANT	500,000 times

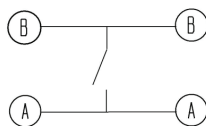
TYPE

Model Name	Model No.	Operating Force	Travel	Boss	Pcs/Reel
SOG-152ANT	R 667834	1.6N	0.15mm	Without	10,000
SOG-154ANT	R 667837	2.35N	0.15mm	Without	10,000

DIMENSIONS

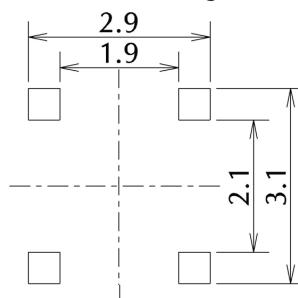


Circuit Diagram

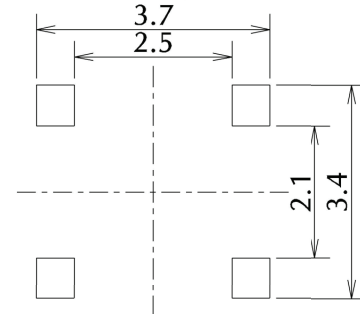


Reference land dimension
The thickness of solder stencil: 100μm

Refer-1
Bottom soldering

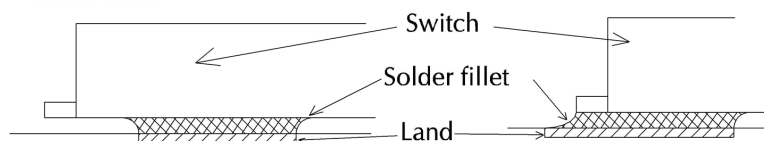


Refer-2
Normal land pattern



It's possible to minimize the mounting area, but not possible to confirm solder fillet.

It's possible to confirm solder fillet.



Mouser Electronics

Authorized Distributor

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[MinebeaMitsumi:](#)

[SOG-152ANT](#) [SOG-154ANT](#)