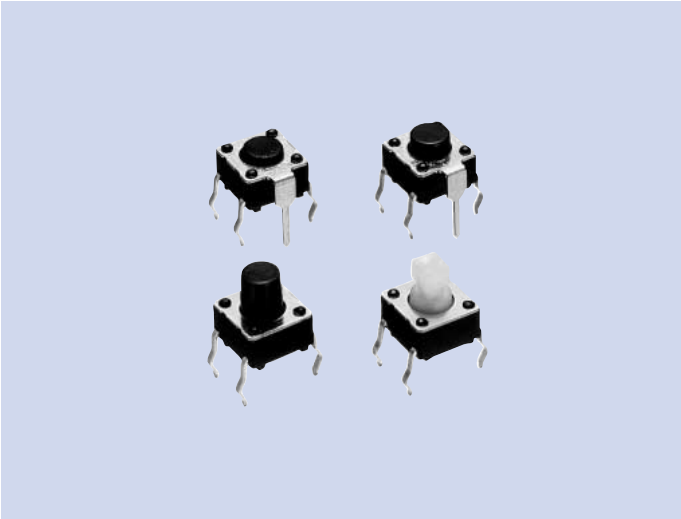
Tactile Switches
SOA/SOK Series

FEATURES

1. Compact and lightweight type having an external size of 6×6mm.
2. The multicontact structure ensures excellent dust-proofing and stable contact.
3. Metal contacts offer clear click feeling and low resistance touching.
4. The insert-molded base can be automatically dipped without any penetration of flux during soldering.



USES

1. Best suited as operating switch in all type of VCRs, audio products, measuring equipments, commnication equipments, and such.

MODEL NAME CODE

S O A - 1 1 1 H S

- S (Standard)
- H (Horizontal)
- Operating force
  - 1 (1.27N : 130gf)
  - 2 (1.57N : 160gf)
  - 3 (0.98N : 100gf)
  - 4 (2.55N : 260gf)
- Height
  - 1 (4.3mm), 2 (5mm), 3 (7mm), 4 (9.5mm), 7 (7.3mm)
- Earth terminal
  - 1 (Without)
  - 2 (With)
- Outline size 6×6mm
  - A (Standard)
  - K (Joint stem)
- Tactile
- Switch

SPECIFICATIONS

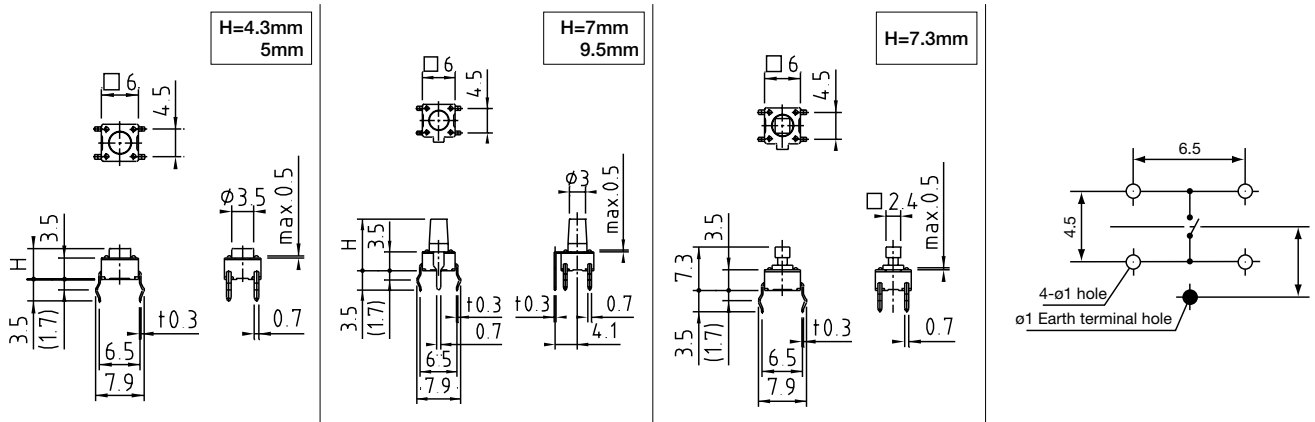
Electrical Characteristics	Rating	50mA, 12V DC
	Contact Resistance	100mΩ or less
	Insulation Resistance	100MΩ or more
	Withstand Voltage	1 minute at 250V AC
	Bouncing	5mS or less
Life		O.F. → Life Span 0.98N → 10×10^5 cycles 1.27N → 5×10^5 cycles 1.57N → 5×10^5 cycles 2.55N → 2×10^5 cycles

TYPE

Earth Terminal	Model Name Code	Order Number	O.F. (N)	Mounting Height
Without	SOA-111HS	R66 3738	1.27	H=4.3mm
	SOA-112HS	R66 3816	1.57	
	SOA-113HS	R66 3817	0.98	
	SOA-114HS	R66 4277	2.55	
	SOA-121HS	R66 3753	1.27	H=5mm
	SOA-122HS	R66 3818	1.57	
	SOA-123HS	R66 3819	0.98	
	SOA-124HS	R66 4278	2.55	
	SOA-131HS	R66 3820	1.27	H=7mm
	SOA-132HS	R66 3821	1.57	
	SOA-133HS	R66 3822	0.98	
	SOA-134HS	R66 4279	2.55	
	SOA-141HS	R66 3823	1.27	H=9.5mm
	SOA-142HS	R66 3824	1.57	
	SOA-143HS	R66 3825	0.98	
	SOA-144HS	R66 4280	2.55	
	SOK-171HS	R66 4390	1.27	H=7.3mm
	SOK-172HS	R66 4391	1.57	
	SOK-173HS	R66 4392	0.98	Joint Stem
	SOK-174HS	R66 4393	2.55	

Earth Terminal	Model Name Code	Order Number	O.F. (N)	Mounting Height
With	SOA-211HS	R66 3739	1.27	H=4.3mm
	SOA-212HS	R66 3826	1.57	
	SOA-213HS	R66 3827	0.98	
	SOA-214HS	R66 4281	2.55	
	SOA-221HS	R66 3754	1.27	H=5mm
	SOA-222HS	R66 3828	1.57	
	SOA-223HS	R66 3829	0.98	
	SOA-224HS	R66 4282	2.55	
	SOA-231HS	R66 3830	1.27	H=7mm
	SOA-232HS	R66 3831	1.57	
	SOA-233HS	R66 3832	0.98	
	SOA-234HS	R66 4283	2.55	
	SOA-241HS	R66 3833	1.27	H=9.5mm
	SOA-242HS	R66 3834	1.57	
	SOA-243HS	R66 3835	0.98	
	SOA-244HS	R66 4284	2.55	
	SOK-271HS	R66 4401	1.27	H=7.3mm
	SOK-272HS	R66 4402	1.57	
	SOK-273HS	R66 4403	0.98	Joint Stem
	SOK-274HS	R66 4404	2.55	

DIMENSIONS



Without earth terminal type | with earth terminal type | Joint stem type | Circuit and Mounting

Unit : mm ☆ Tolerance : ±0.3mm