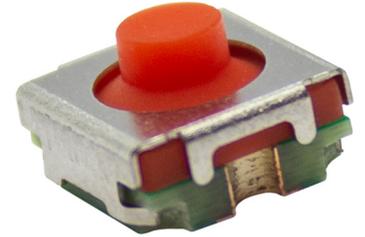




MODEL: TS37-6368-41-R-400-SMT-TR | **DESCRIPTION:** TACTILE SWITCH

FEATURES

- 16 V
- 400 gf



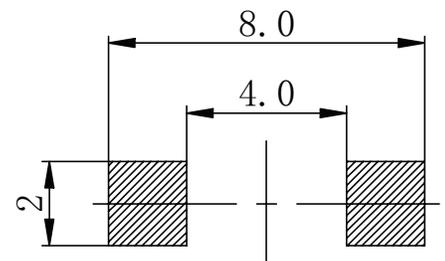
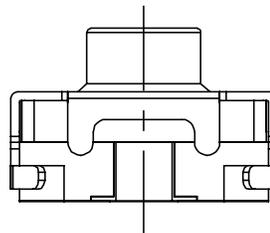
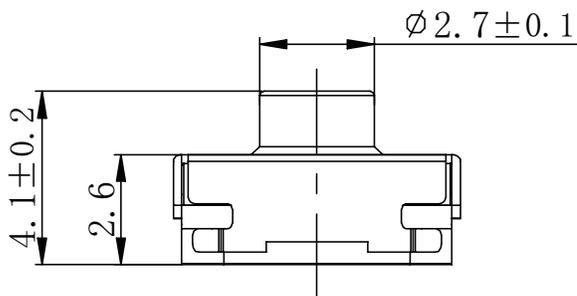
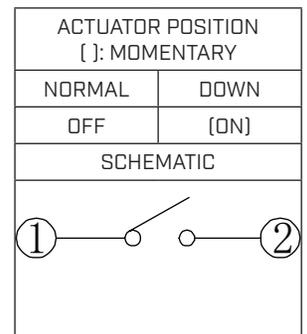
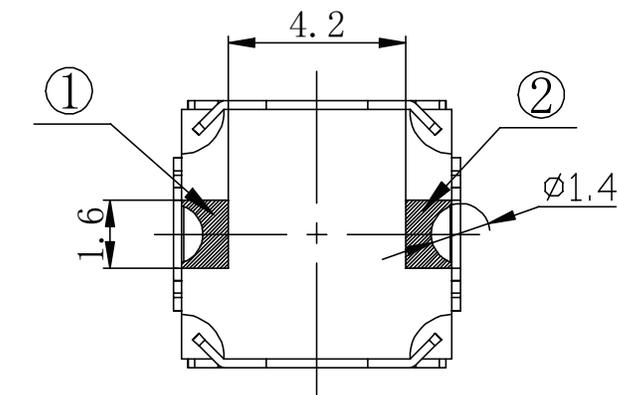
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage		1		16	Vdc
rated current		0.01		50	mA
withstanding voltage	for 1 minute		250		Vac
contact resistance	applying load of 2 times operating force at 5 Vdc, 10 mA			100	mΩ
insulation resistance	at 100 Vdc for 1 minute	100			MΩ
operating force		320	400	480	gf
return force		50			gf
actuator travel		0.60	0.75	0.90	mm
operating temperature		-40		90	°C
storage temperature		-40		90	°C
life	5 Vdc, 5 mA, 2 cycles/second, max operating force		200,000		cycles
vibration	10~55~10 Hz, 1.5 mm amplitude, 2 hours on each XYZ				
flammability rating	see material table				
RoHS	yes				

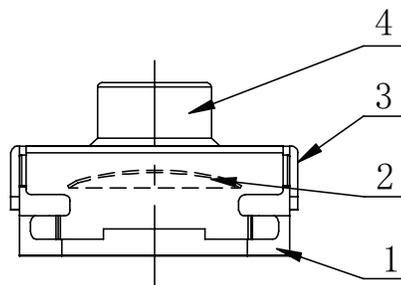
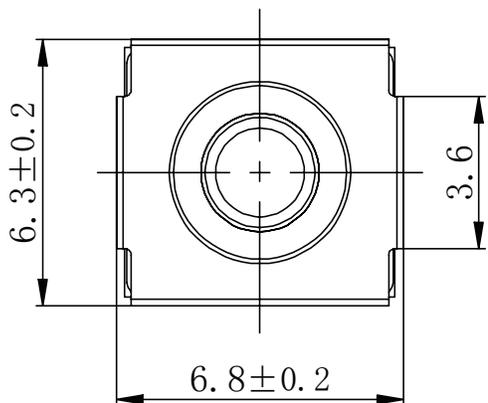
MECHANICAL DRAWING

units: mm
 tolerance: ± 0.2 mm
 unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	FR-4	immersion gold
2	contact	SUS	silver
3	cover	SUS	--
4	stem	silicone	red

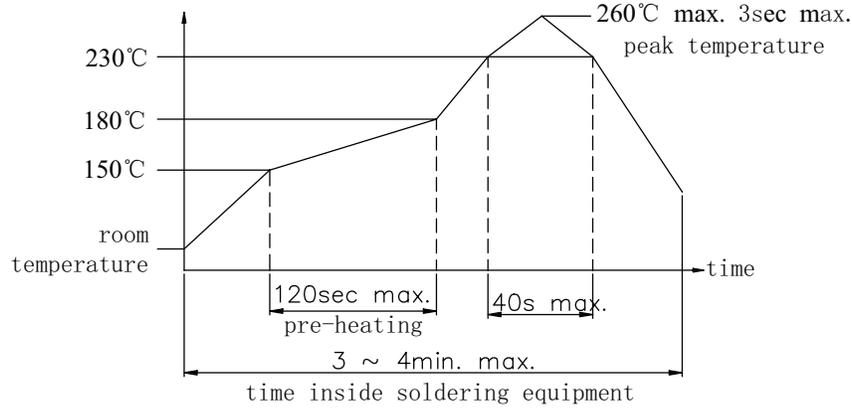


Recommended PCB Layout
Top View



SOLDERABILITY

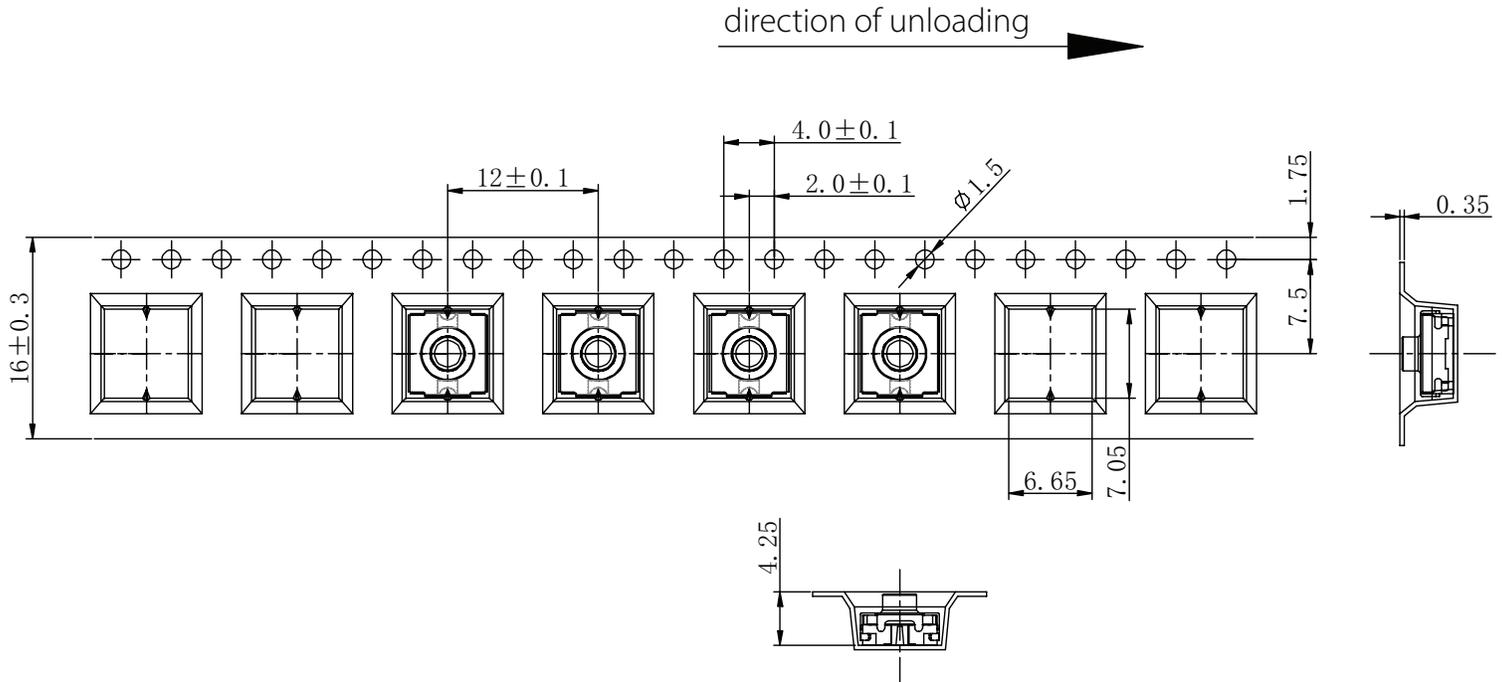
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds			350	°C
reflow soldering	see reflow profile			260	°C



PACKAGING

units: mm

Reel Size: Ø330 mm
 Reel QTY: 1,300 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	11/20/2025

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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