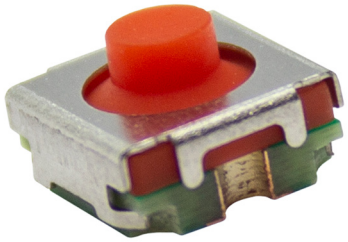
MODEL: TS37-6368-41-R-400-SMT-TR | DESCRIPTION: TACTILE SWITCH

FEATURES

- 16 V
- 400 gf



RoHS

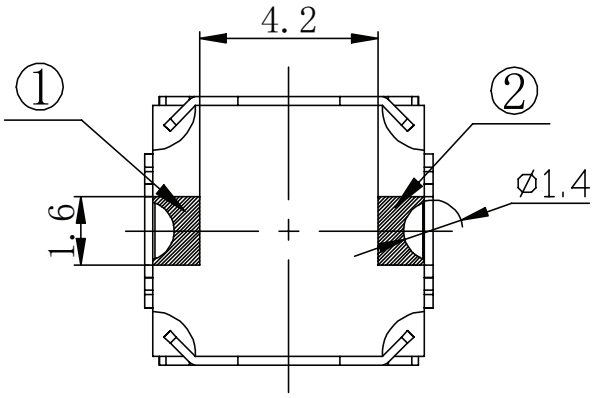
SPECIFICATIONS

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				

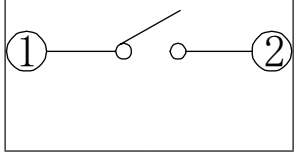
MECHANICAL DRAWING

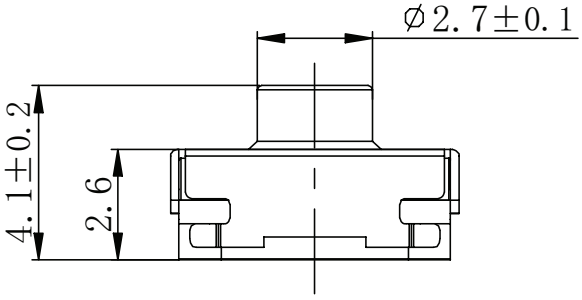
units: mm
tolerance: ±0.2 mm
unless otherwise noted

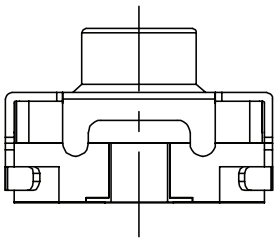
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	FR-4	immersion gold
2	contact	SUS	silver
3	cover	SUS	--
4	stem	silicone	red

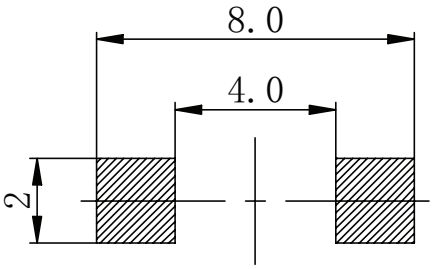


ACTUATOR POSITION [ ]: MOMENTARY	
NORMAL	DOWN
OFF	[ON]
SCHEMATIC	

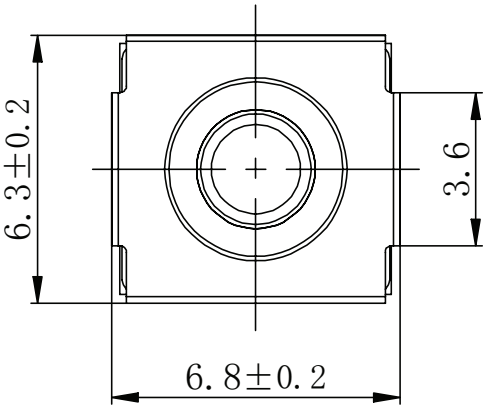


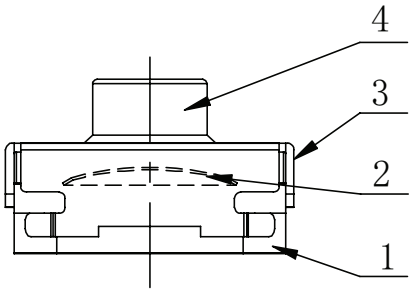






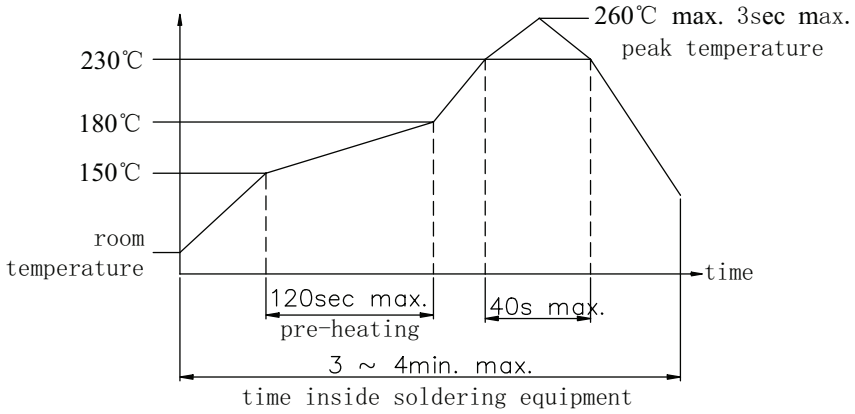
Recommended PCB Layout
Top View





SOLDERABILITY

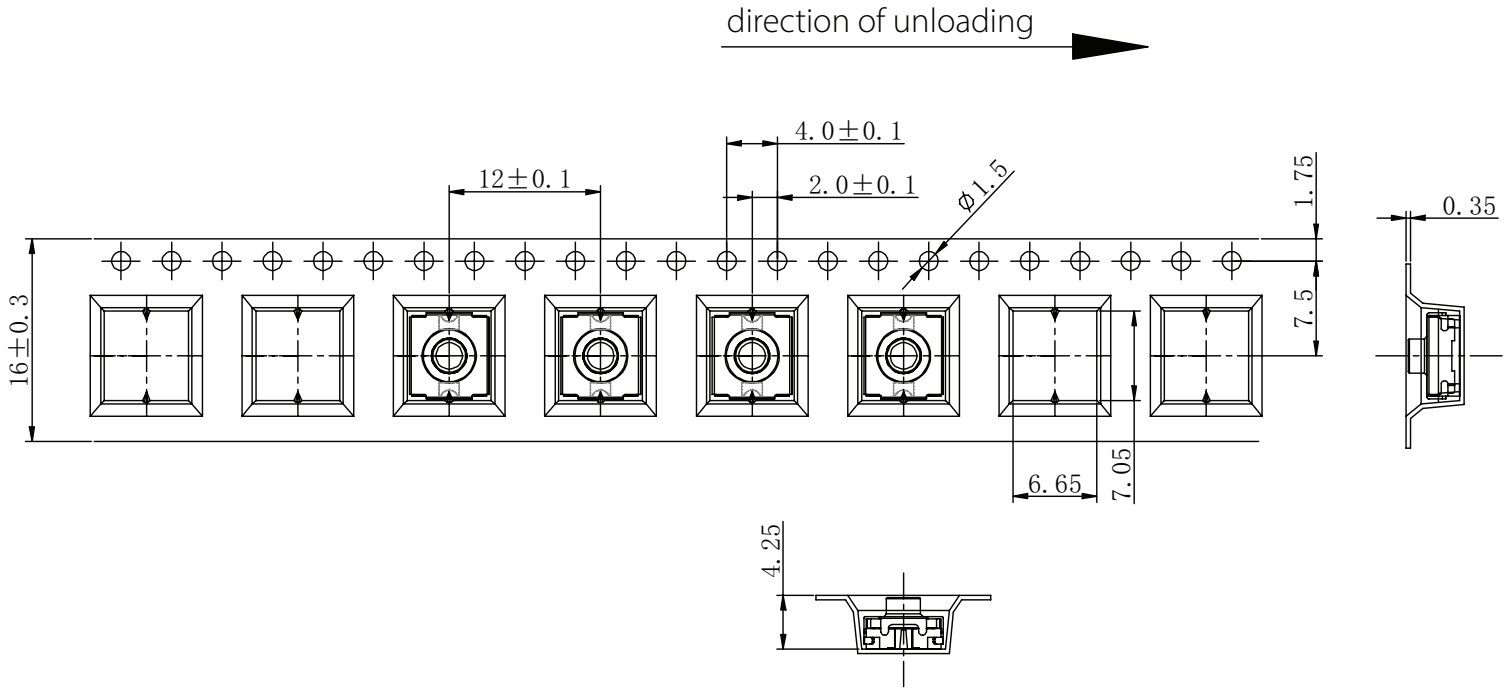
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds			350	°C
reflow soldering	see reflow profile			260	°C



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.