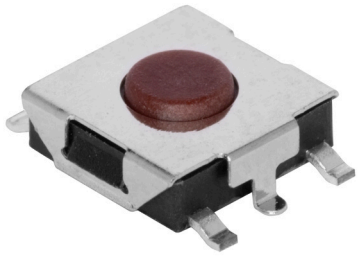
CUI Devices is now Same Sky! Learn More

same sky

SERIES: TS06 | DESCRIPTION: TACTILE SWITCH

FEATURES

- surface mount
- black actuator
- red actuator
- white actuator



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage		1		12	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	see force table				
actuator travel		0.15	0.25	0.35	mm
operating temperature		-30		80	°C
storage temperature		-40		90	°C
life	rated load, 2 cycles/second, 1.5 times operating force 100 gf models 160 gf models 260 gf models		 100,000 80,000 60,000		 cycles cycles cycles
vibration	10~55~10 Hz, 1.5 mm amplitude, 2 hours on each XYZ				
flammability rating	see material table				
RoHS	yes				

PART NUMBER KEY

TS06 - 667 - XX - XX - XXX - G - SMT - TR

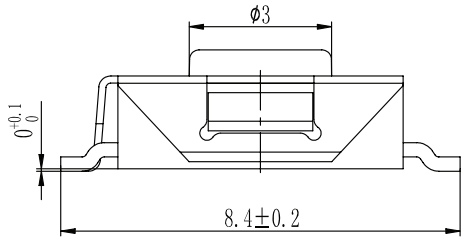
Base Number	Actuator Height:	Actuator Color:	Push Force:
	25 = 2.5 mm 43 = 4.3 mm	R = red	100 = 100 gf
	30 = 3.0 mm 50 = 5.0 mm	BK = black	160 = 160 gf
	34 = 3.4 mm 55 = 5.5 mm	WT = white	260 = 260 gf

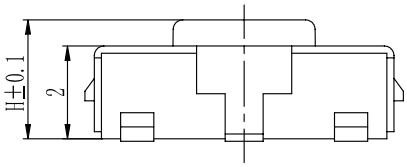
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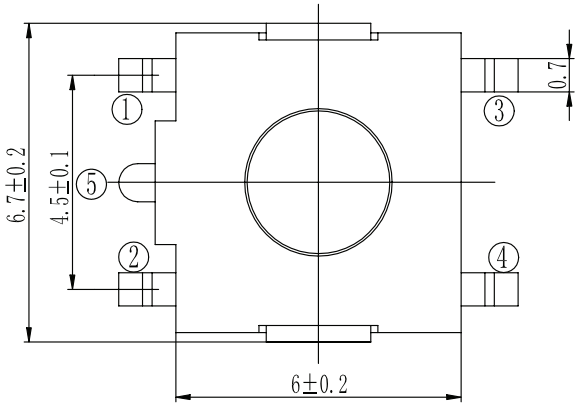
MECHANICAL DRAWING

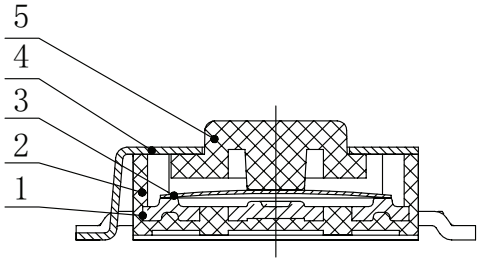
units: mm
tolerance: ±0.2 mm
unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	terminals	brass	silver
2	housing	FR52 (UL94V-0)	black
3	contacts	stainless steel	silver
4	cover	brass	CuSn
5	stem	FR52 (UL94V-0)	

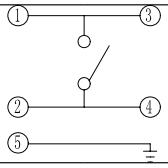


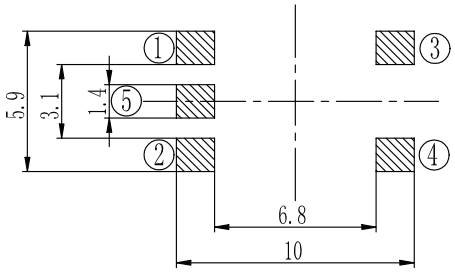






ACTUATOR POSITION [ ]: MOMENTARY	
NORMAL	DOWN
OFF	[ON]
SCHEMATIC	





Recommended PCB Layout
Top View

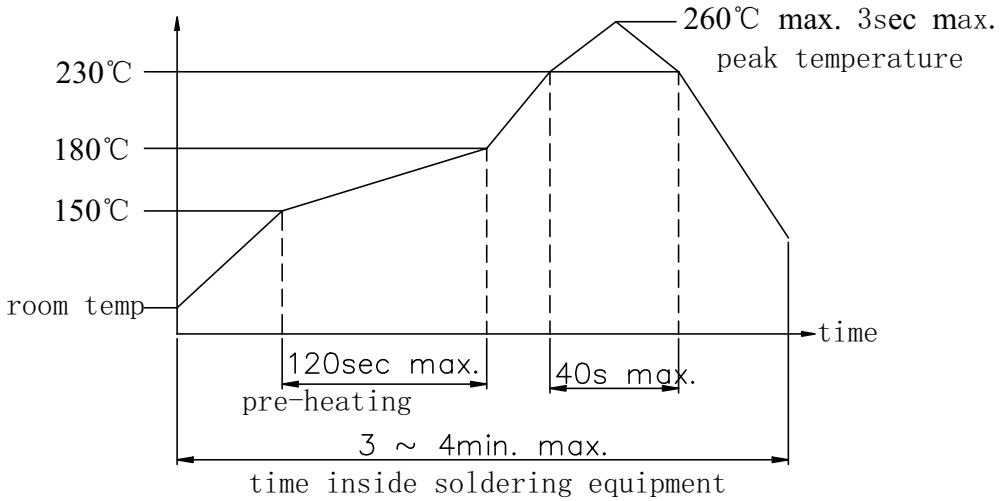
Operting Force Table		
Model	Press Force (N)	Return Force (N)
100	1.0±0.3	>0.2
160	1.6±0.5	>0.2
260	2.6±0.5	>0.2

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SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds			350	°C
reflow soldering[1]	see reflow profile			260	°C

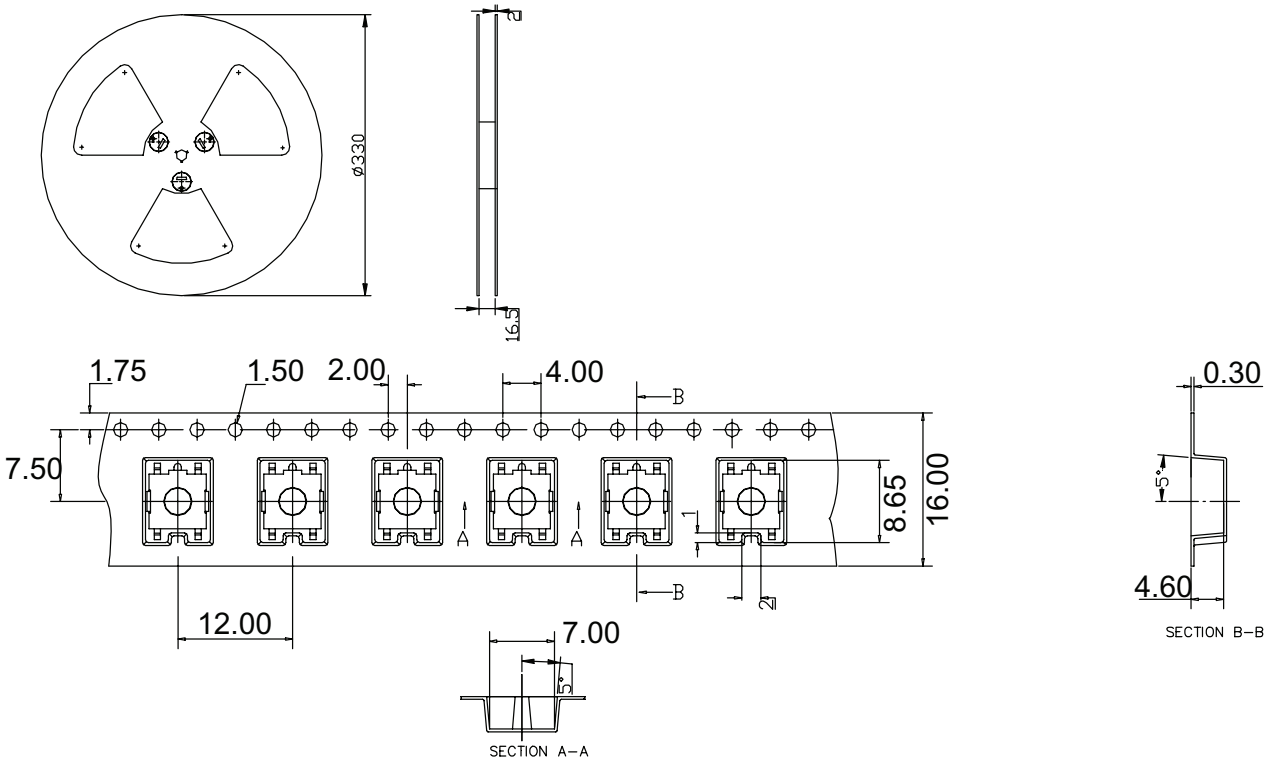
Notes: 1. Do not exceed 2 reflow cycles.



PACKAGING

units: mm

Reel Size: Ø330 mm
QTY: 1,000 pcs



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REVISION HISTORY

rev.	description	date
1.0	initial release	09/22/2021
1.01	logo, datasheet style update	08/05/2022
1.02	CUI Devices rebranded to Same Sky	09/12/2024

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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