

**SERIES:** TS08 | **DESCRIPTION:** TACTILE SWITCH**FEATURES**

- IP67
- surface mount
- 4.3 mm actuator

**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		80,000		cycles
vibration	10~55~10 Hz, 1.5 mm amplitude, 2 hours on each XYZ				
flammability rating	see material table				
RoHS	yes				
IP level	IP67				

PART NUMBER KEY**TS08 - 66 - 43 - BK - 160 - SMT - 67 - XX**

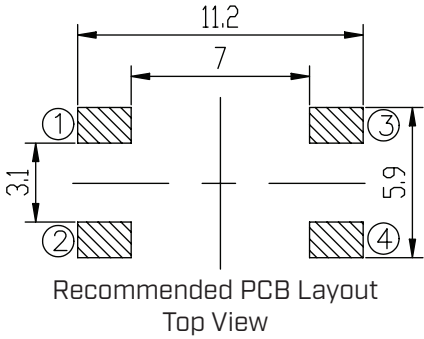
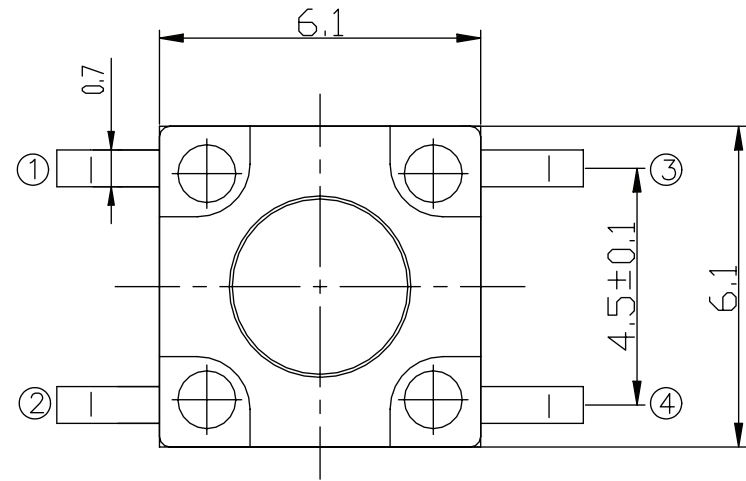
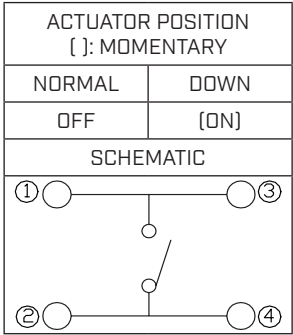
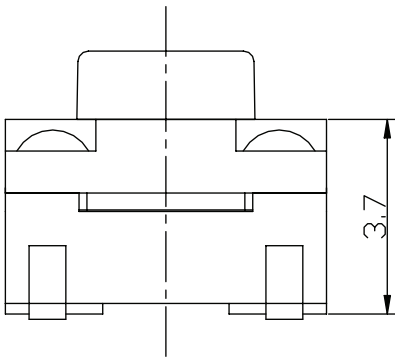
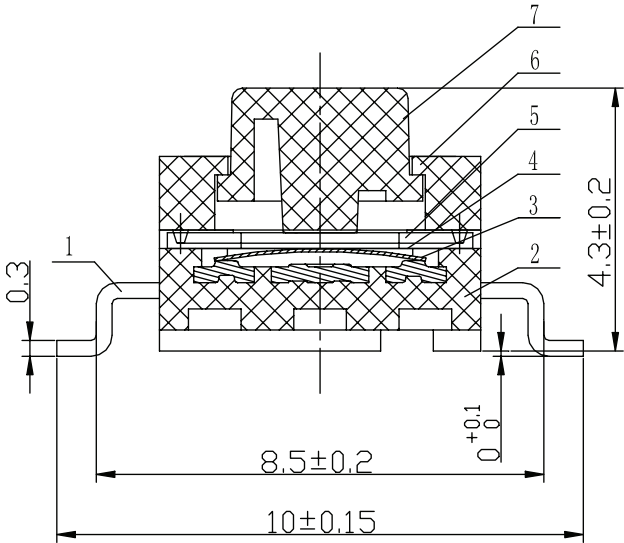
Base Number

Packaging:
"blank" = bag
TR = Tape & Reel

MECHANICAL DRAWING

units: mm
tolerance: ± 0.2 mm
unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	terminals	brass	silver
2	housing	PA10T [UL94V-0]	black
3	contacts	stainless steel	silver
4	PI film	PI	yellow
5	waterproof rubber	rubber	black
6	cover	PA10T [UL94V-0]	black
7	stem	PA6T [UL94V-0]	black



Operting Force Table		
Model	Press Force [N]	Return Force [N]
160	1.6 ± 0.5	>0.2

SOLDERABILITY

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

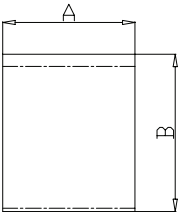
Notes: 1. Do not exceed 2 reflow cycles.



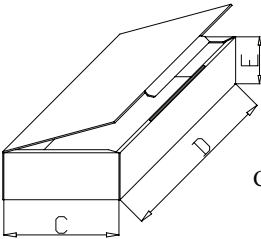
PACKAGING (BAG)

units: mm

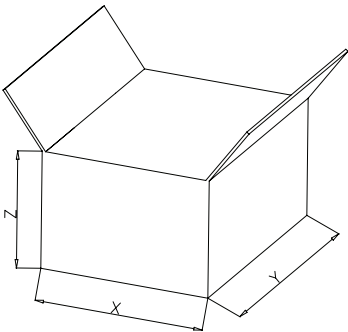
Bag Size: 190 x 160 mm
Carton Box Size: 445 x 350 x 280 mm
Bag QTY: 1,000 pcs per bag
Carton Box QTY: 60,000 pcs per carton



A=160mm、B=190mm



C=160mm、D=216mm、E=48mm



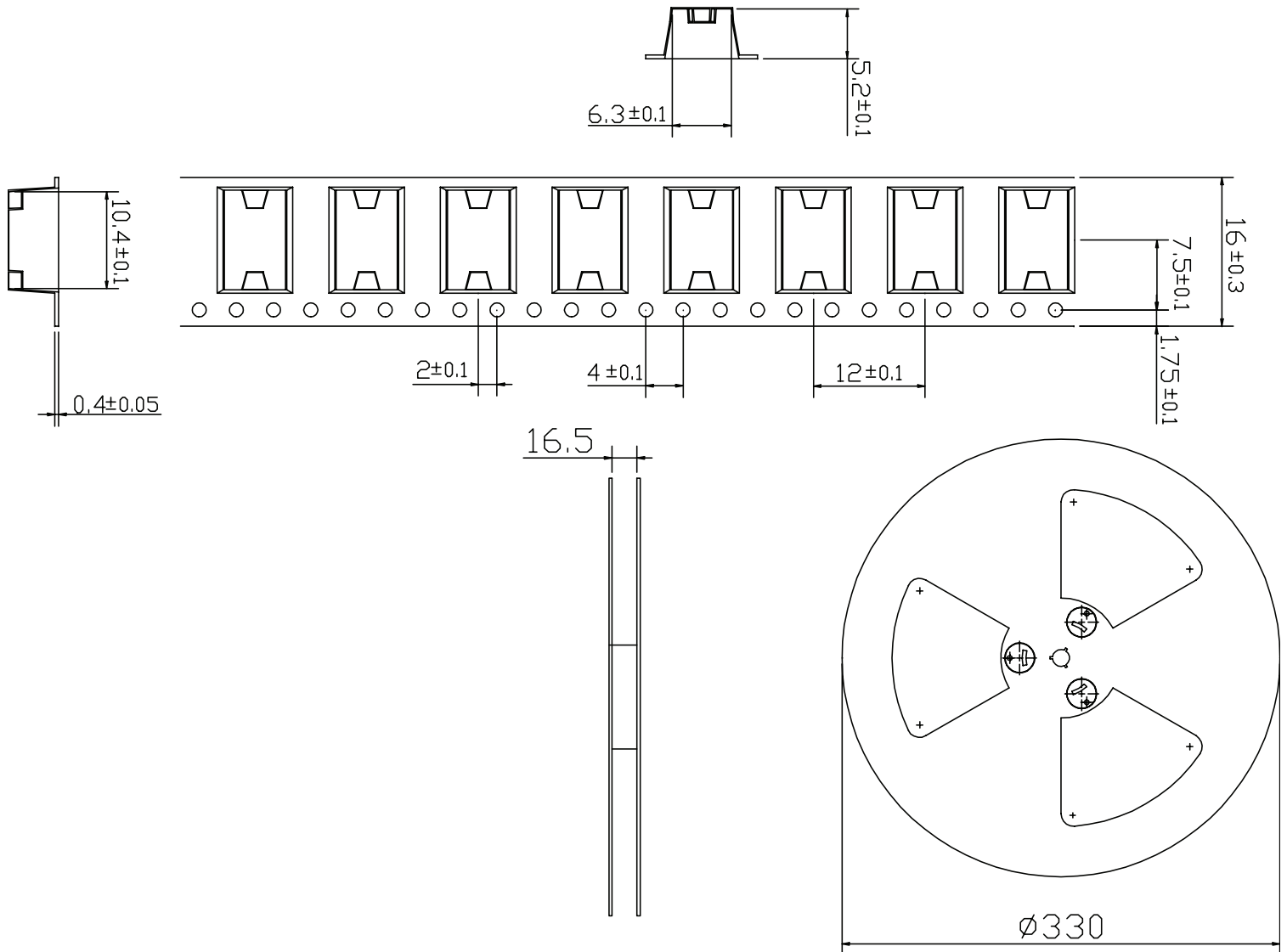
X=350mm、Y=455、Z=280mm

PACKAGING (TAPE & REEL)

units: mm

Reel Size: $\varnothing 330$ mm

Reel QTY: 1,000 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	09/20/2021
1.01	logo, datasheet style update	08/05/2022
1.02	added tape and reel packaging option	12/20/2023
1.03	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.

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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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