



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

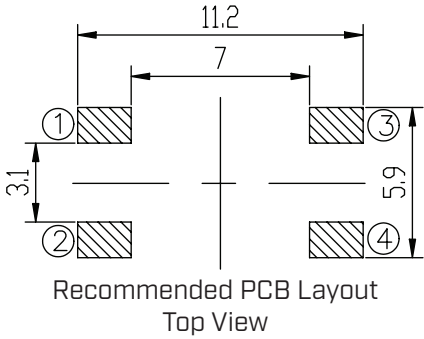
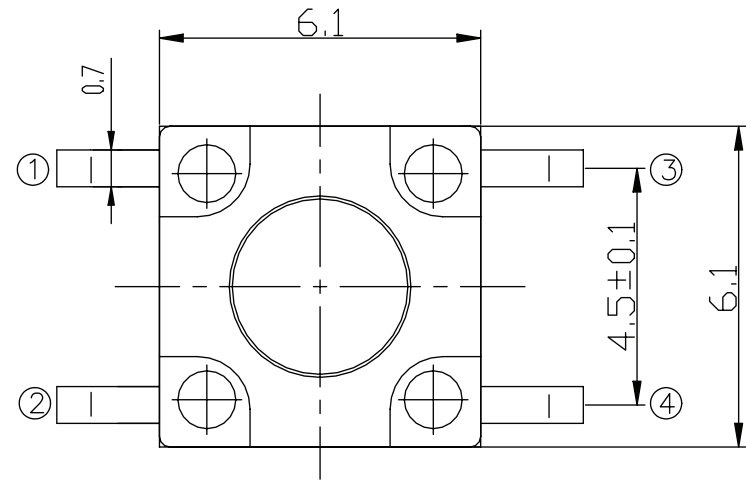
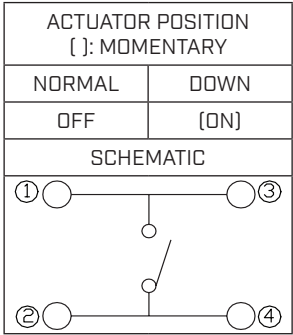
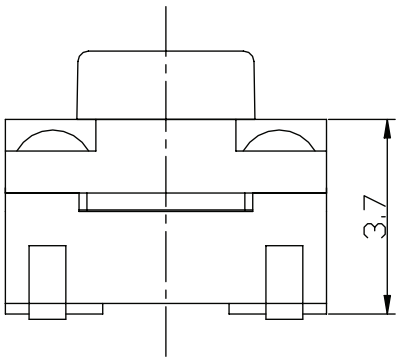
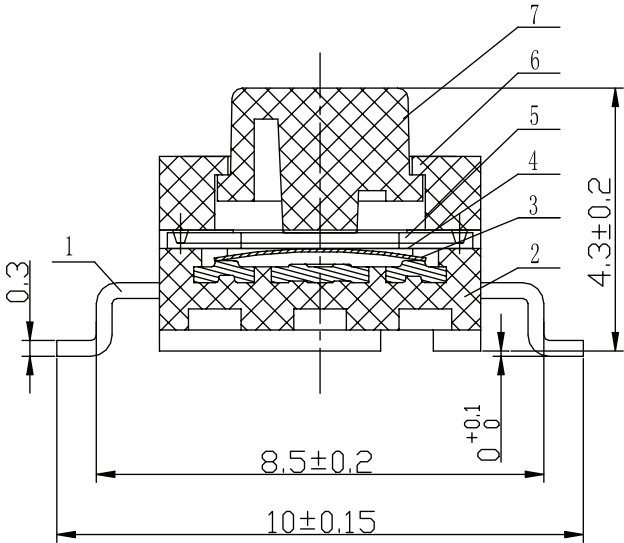
Base Number

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

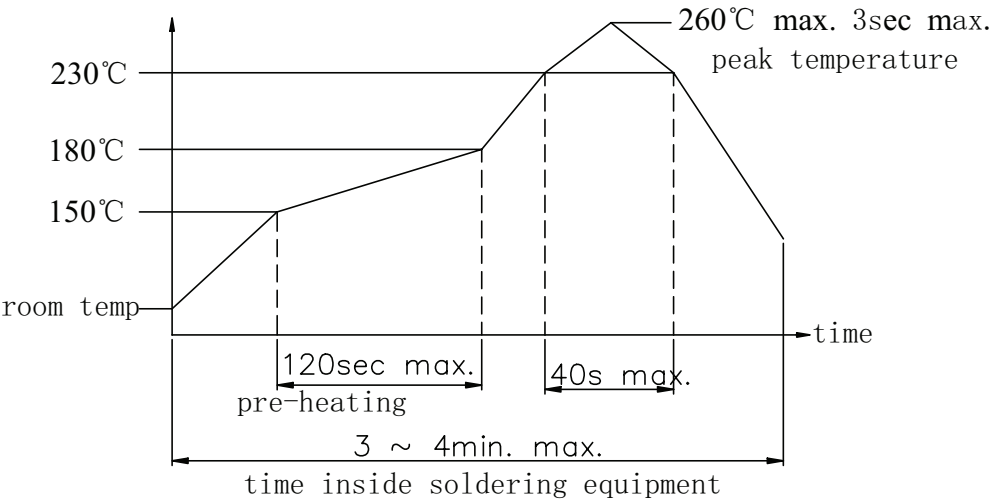


Operting Force Table		
Model	Press Force [N]	Return Force [N]
160	1.6 ± 0.5	>0.2

SOLDERABILITY

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

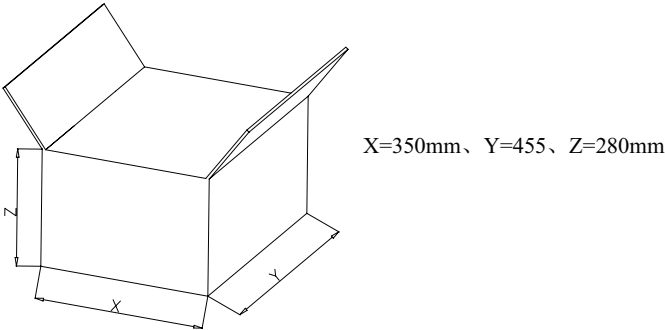
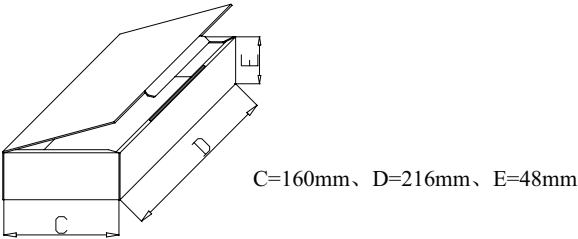
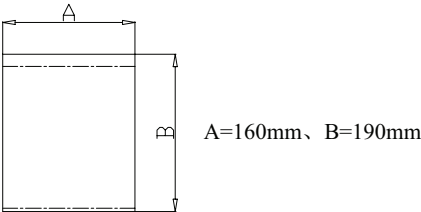
Notes: 1. Do not exceed 2 reflow cycles.



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

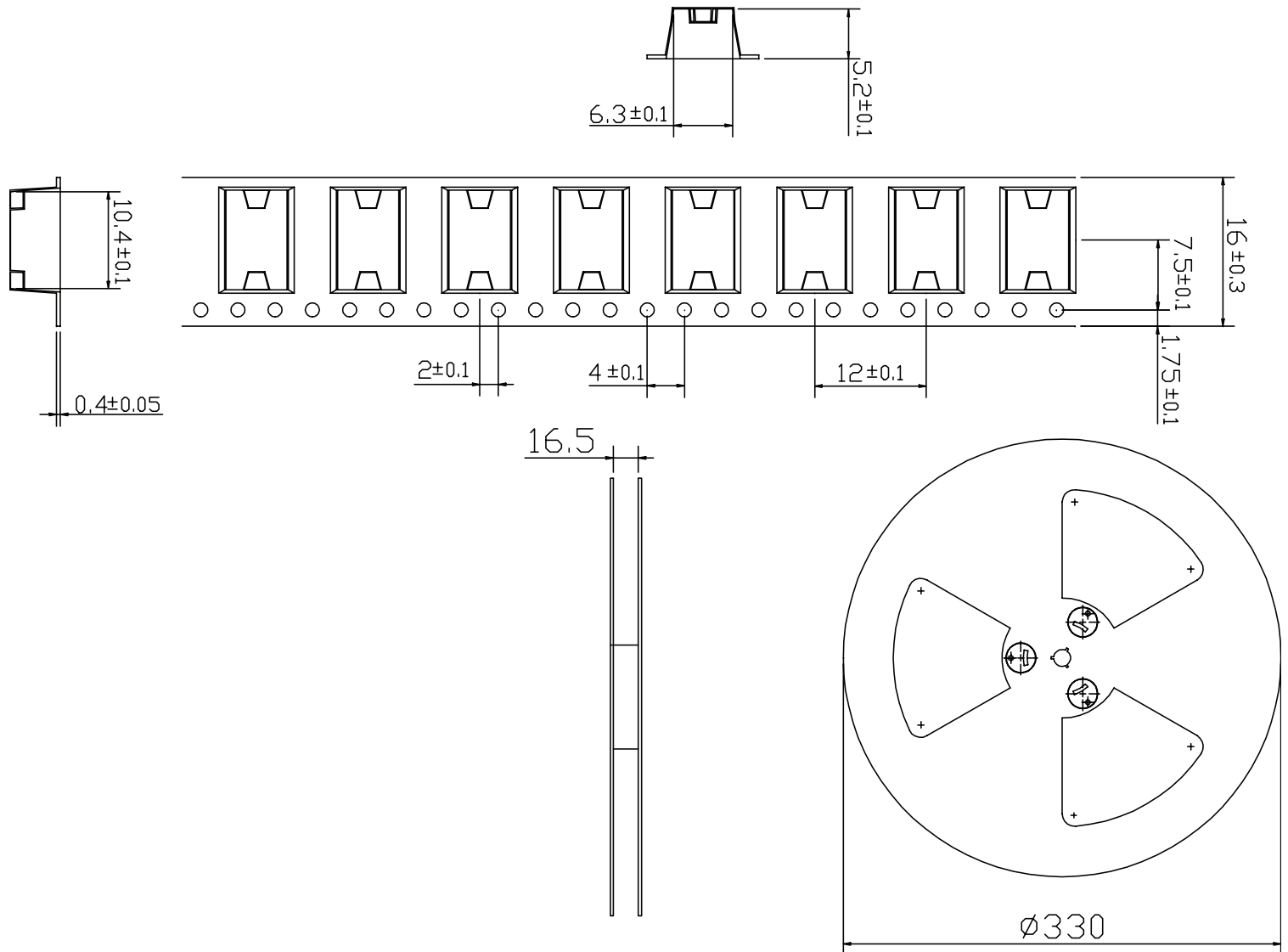


PACKAGING (TAPE & REEL)

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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