



**MODEL:** TS43-135255-10-BK-200-SMT-TR | **DESCRIPTION:** TACTILE SWITCH

## FEATURES

- multi-position
- surface mount
- white actuator
- black actuator
- 160 & 260 gf

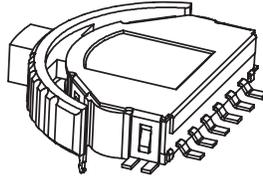


## SPECIFICATIONS

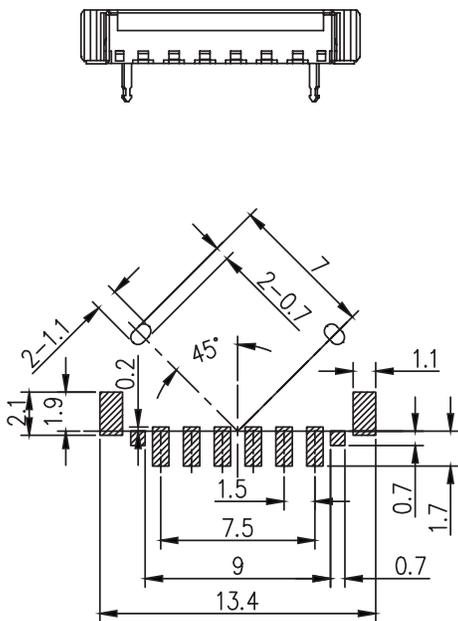
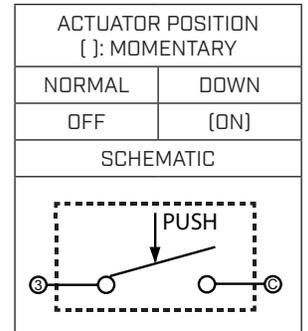
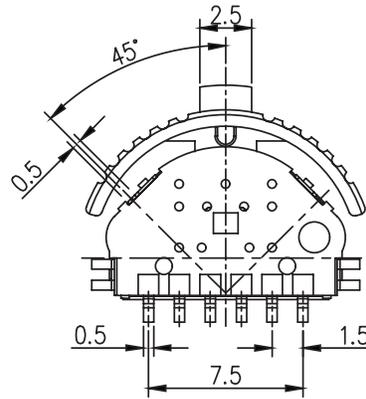
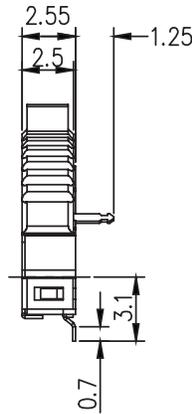
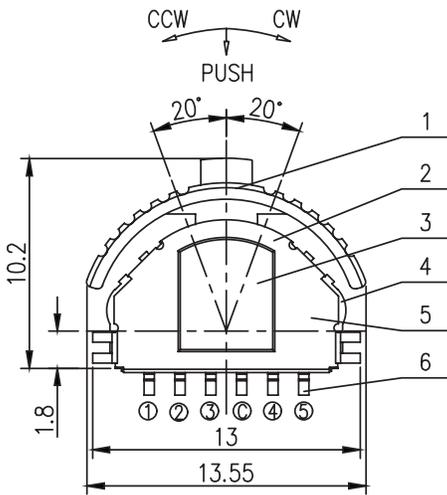
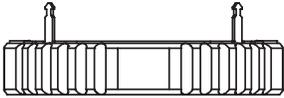
parameter	conditions/description	min	typ	max	units
rated voltage				15	Vdc
rated current				100	mA
withstanding voltage	for 1 minute		100		Vac
contact resistance	lever and push switch			100	mΩ
insulation resistance	at 100 Vdc for 1 minute	100			MΩ
operating force	lever switch	30	80	130	gf
	push switch	100	200	300	gf
actuator travel	lever switch		±20		°
	push switch			0.95	mm
operating temperature		-40		85	°C
life	mechanical: no load, 15~20 cycles/minute		100,000		cycles
	electrical: 5 Vdc, 10 mA, 15~20 cycles/minute		100,000		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:  
 ≤1 ±0.05 mm  
 1-5 ±0.10 mm  
 5-10 ±0.20 mm  
 ≥10 ±0.30 mm  
 unless otherwise specified



ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	push button	PA46 (UL94HB)	black
2	cover	SUS	tin
3	contact	C5210	silver
4	housing	PA9T (UL94V-0)	black
5	spring	SUS	--
6	terminal	C5191	silver



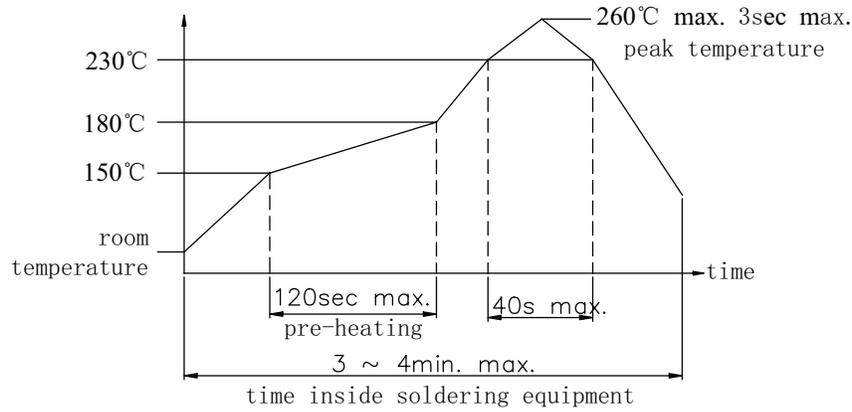
Recommended PCB Layout  
Top View

ANGLE TERMINAL NO.	CCW			CW		
	20°	16°	8°	8°	16°	20°
1	■	■	■			
2	■	■				
4						■
5					■	■
C	■	■	■	■	■	■

ON POSITION ■

## SOLDERABILITY

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

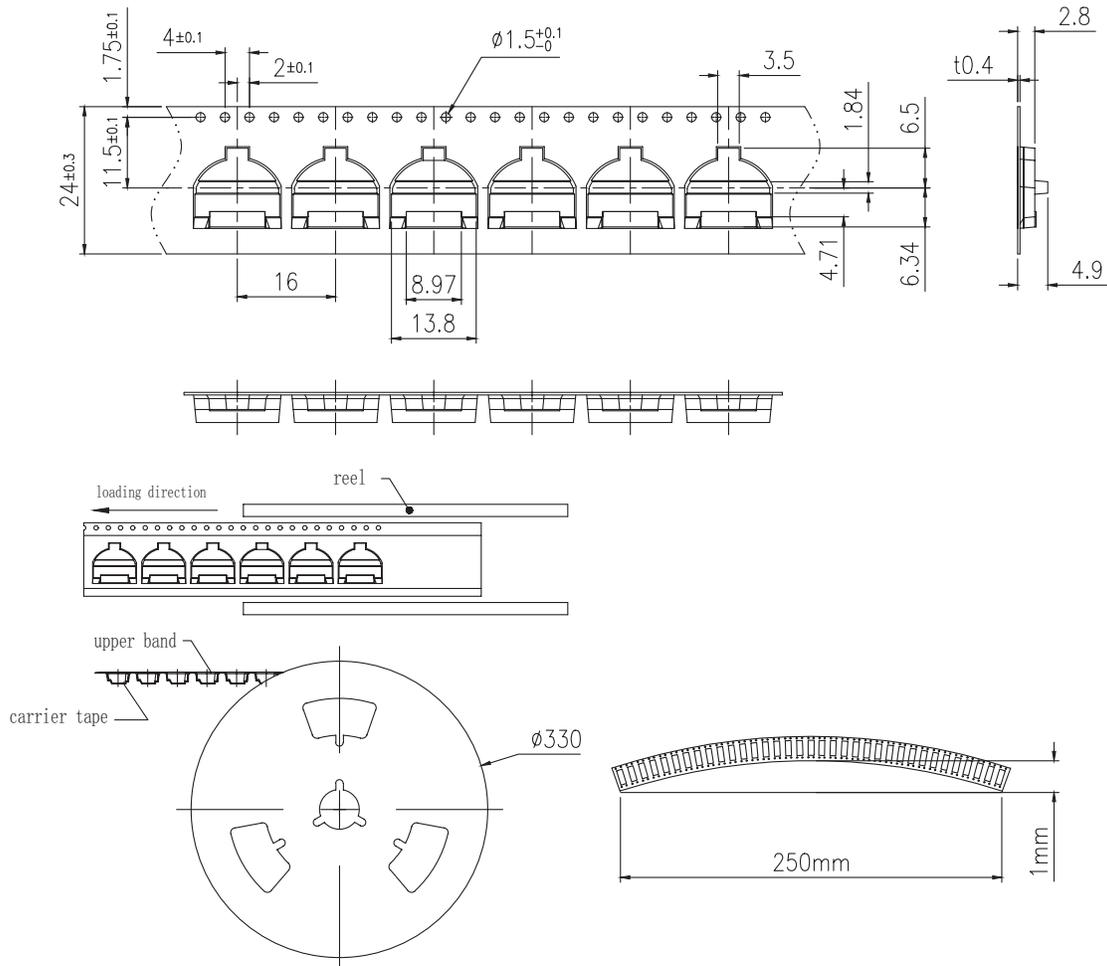


## PACKAGING

units: mm

Reel Size: Ø330 mm

Reel QTY: 800 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.



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