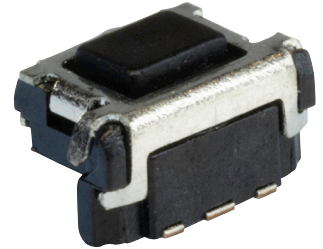


**SERIES:** TS22 | **DESCRIPTION:** TACTILE SWITCH**FEATURES**

- 160 or 260 gf models
- surface mount

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage		2		15	Vdc
rated current		0.01		20	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	for 1 minute at 100 Vdc	100			MΩ
operating force	see force table				
actuator travel		0.05	0.15	0.25	mm
operating temperature		-30		80	°C
storage temperature		-40		85	°C
life	at 5 Vdc, 5 mA, 2 cycles/second, 1.5 times operating force		100,000		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

TS22 - 45 - 035 - BK - XXX - SMT - TR

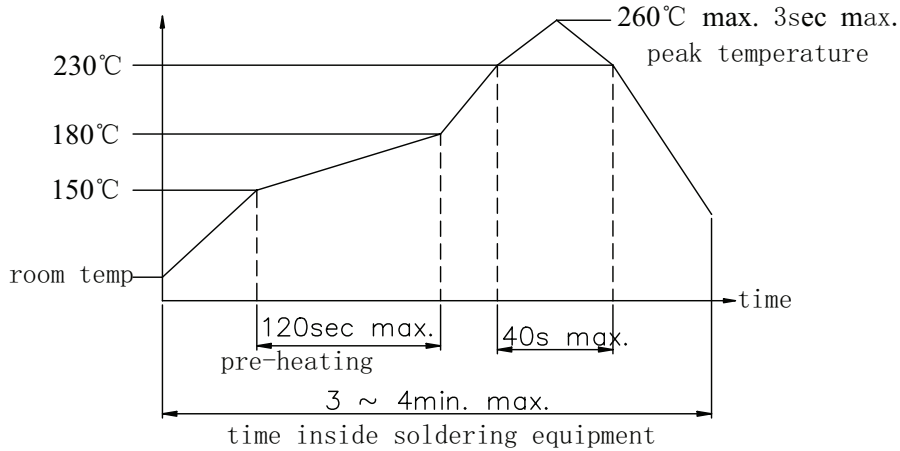
Base Number

Push Force:
160 = 160 gf
260 = 260 gf

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds			350	°C
reel storage	-5~35°C, 25~80% humidity reel opened: use within 1 month reel unopened: use within 6 months				
reflow soldering	see reflow profile			260	°C

Note: 1. Same Sky recommends usage of the product within 2 hours after T&R is opened. After 6 hours, Same Sky recommends drying the parts prior to use.



PACKAGING

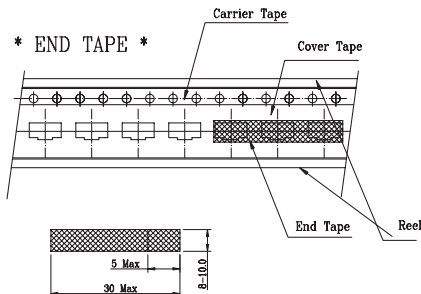
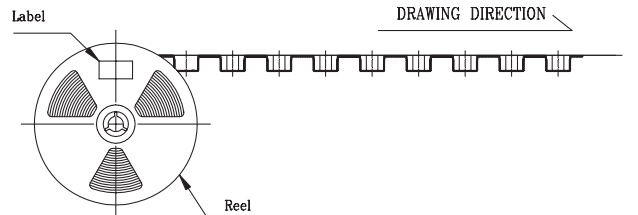
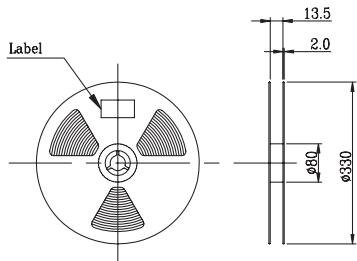
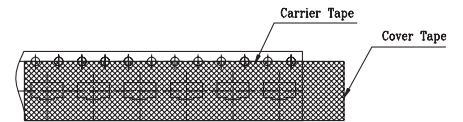
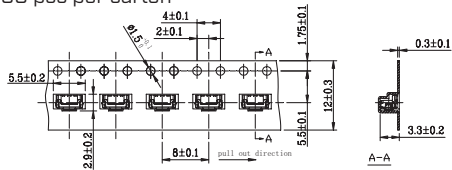
units: mm

Reel Size: Ø330 mm

Reel QTY: 2,500 pcs per reel

Carton Size: 430 x 340 x 340 mm

Carton QTY: 50,000 pcs per carton



End * THE SPECIFICATION FOR PACKAGING * Start

Trailer Packed Portion Leader

Non-Packed Portion(4 Holes Min) Non-Packed Portion 300-380mm

Cover Tape

The diagram illustrates the layout of a tape package. It is divided into five main sections from left to right: 'End', 'Trailer', 'Packed Portion', 'Leader', and 'Start'. The 'Trailer' section contains a 'Non-Packed Portion' with a minimum of 4 holes. The 'Packed Portion' and 'Leader' sections also contain 'Non-Packed Portion' areas. The 'Leader' section is dimensioned as 300-380mm. A 'Cover Tape' is indicated by an arrow pointing to the bottom edge of the tape. The tape itself is shown with a series of holes and a wavy line indicating a fold or break in the middle of the 'Packed Portion'.

REVISION HISTORY

rev.	description	date
1.0	initial release	06/14/2023
1.01	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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