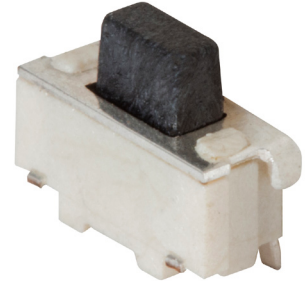


**SERIES:** TS31 | **DESCRIPTION:** TACTILE SWITCH**FEATURES**

- right angle
- with boss
- halogen & halogen free

**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				100	mΩ
insulation resistance	at 100 Vdc	100			MΩ
operating force	160 gf models 260 gf models	110 190	160 260	210 330	gf gf
return force		30			gf
actuator travel		0.1	0.2	0.3	mm
operating temperature		-40		85	°C
storage temperature		-40		85	°C
life	at 5 Vdc, 5 mA, 2 cycles/second, 1.5 times operating force 160 gf models 260 gf models		100,000 50,000		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

TS31 - 46 - 35 - BK - B - XXX - RA - X - SMT - TR

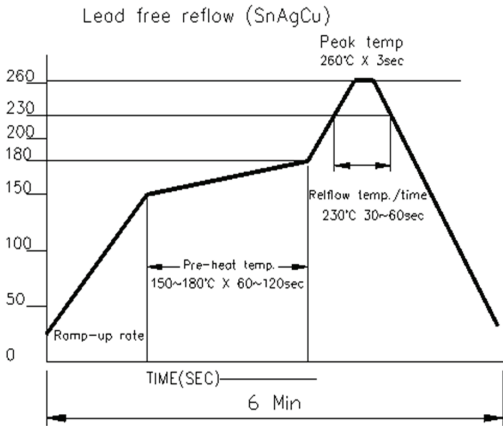
Base Number

Actuator Force (gf):
160 = 160
260 = 260

Halogen Free:
'blank' = with halogen
H = halogen free

SOLDERABILITY

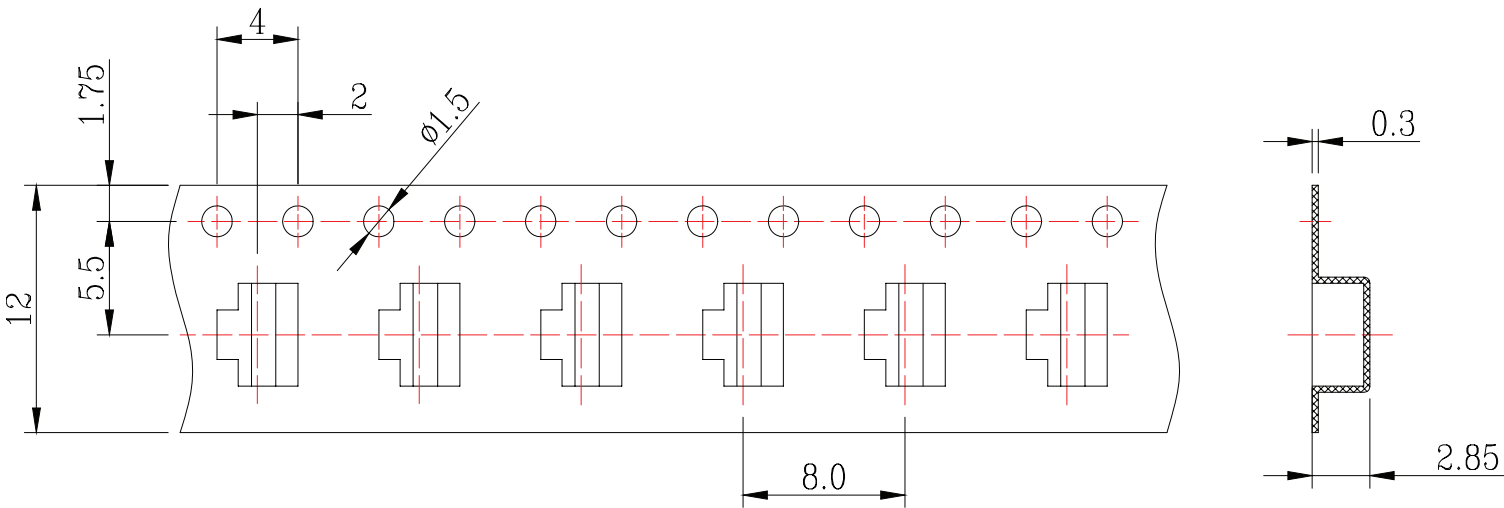
parameter	conditions/description	min	typ	max	units
reflow soldering			260		°C



PACKAGING

units: mm

Reel QTY: 3,000 pcs



REVISION HISTORY

rev.	description	date
1.0	initial release	12/09/2024
1.01	added dimension to PCB layout	02/24/2025

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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