

Series 226H

3.9x2.9mm Compact Tactile Switch

- Surface mount J bend terminal configurations
- Compatible with IR reflow and manual soldering



Ordering Information

Series	Terminal Type	Actuating Direction	Actuator Height "L"	Actuator Force	Packaging	Boss
226H	J1	V	A	A	R	B
		↓		↓		
Code	Spec.					
J1	Surface mount J bend type1					
		↓		↓		
Code	Spec.					
V	Vertical					
		↓		↓		
Code	Spec.					
A	2.0mm					
B	2.5mm					
C	1.5mm					
		↓		↓		
Code	Spec.					
R	Tape & reel packaging					
		↓		↓		
Code	Spec.					
B	With boss, only for 2.0 & 2.5mm actuator height					
Blank	No boss					

Notes: Contact CTS for other common features not listed.

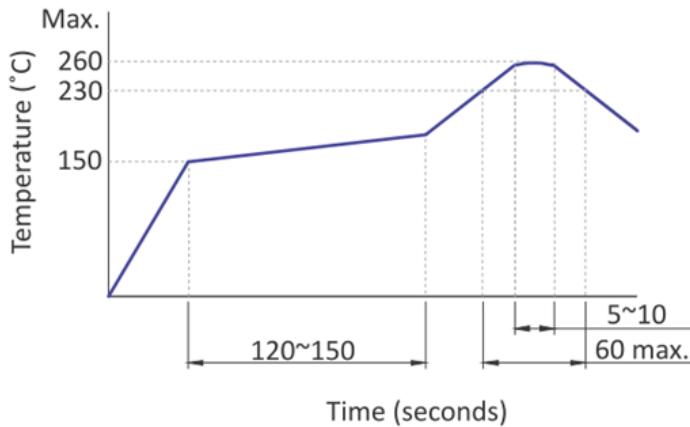
Electrical Specifications

Parameter	Conditions & Remarks	Min	Max	Unit
Contact Resistance		100		milliohms
Insulation Resistance	Between insulated terminals	100		Megohms
Dielectric Strength	1 minute between adjacent switches		250	VAC
Nonswitching Rating		50 or 12		mA or VDC

Mechanical and Environmental

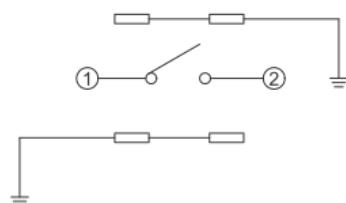
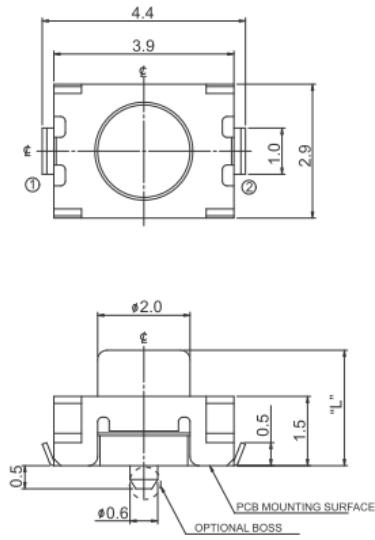
Soldering	Maximum reflow temperature, 260°C for 5 seconds Maximum manual temperature, 350°C for 3 seconds
Actuation Life	160 gf 250 gf
	200,000 100,000
	cycles
RoHS	Lead-Free. Fully compliant to RoHS Directive 2011/65/EU
Operating Force	160±50 gf 250±50 gf
Actuator Strength	3 Kgf maximum
Travel	0.2±0.1 mm
Packaging	Standard tape and reel packaging
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-40°C to +85°C

Soldering Profile

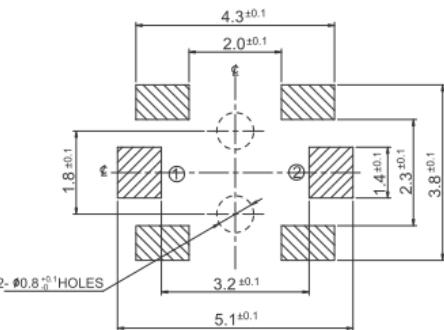


Mechanical Specifications

Figure 1 – 226HJ1VA/B...(B), Surface Mount J Bend Type1, With Middle/Long Actuator



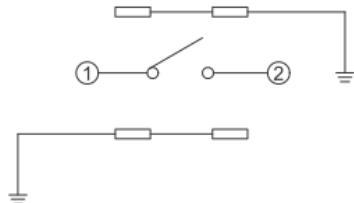
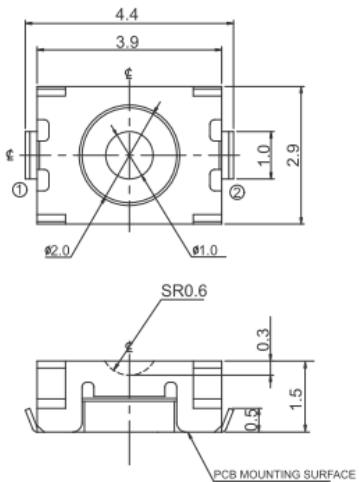
CIRCUIT DIAGRAM



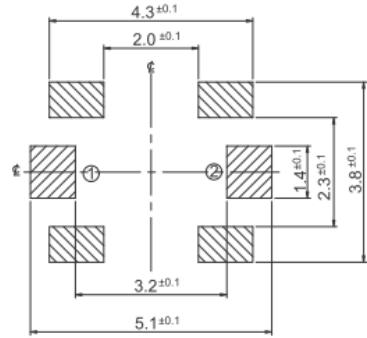
PCB LAYOUT

DIMENSION : mm
 STANDARD TOLERANCE : .X (1 PLACE) : ± 0.10

Figure 2 – 226HJ1VC..., Surface Mount J Bend Type1, With Flush Actuator



CIRCUIT DIAGRAM



PCB LAYOUT

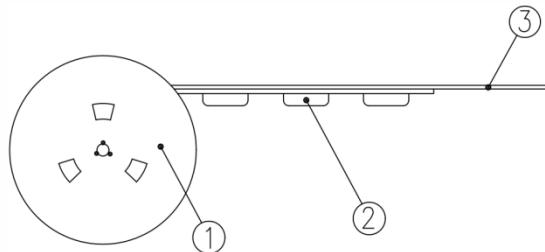
DIMENSION : mm
 STANDARD TOLERANCE : .X (1 PLACE) : ± 0.10

Packing: Tape and Reel

Surface Mount J Bend, Flush/Medium Actuator

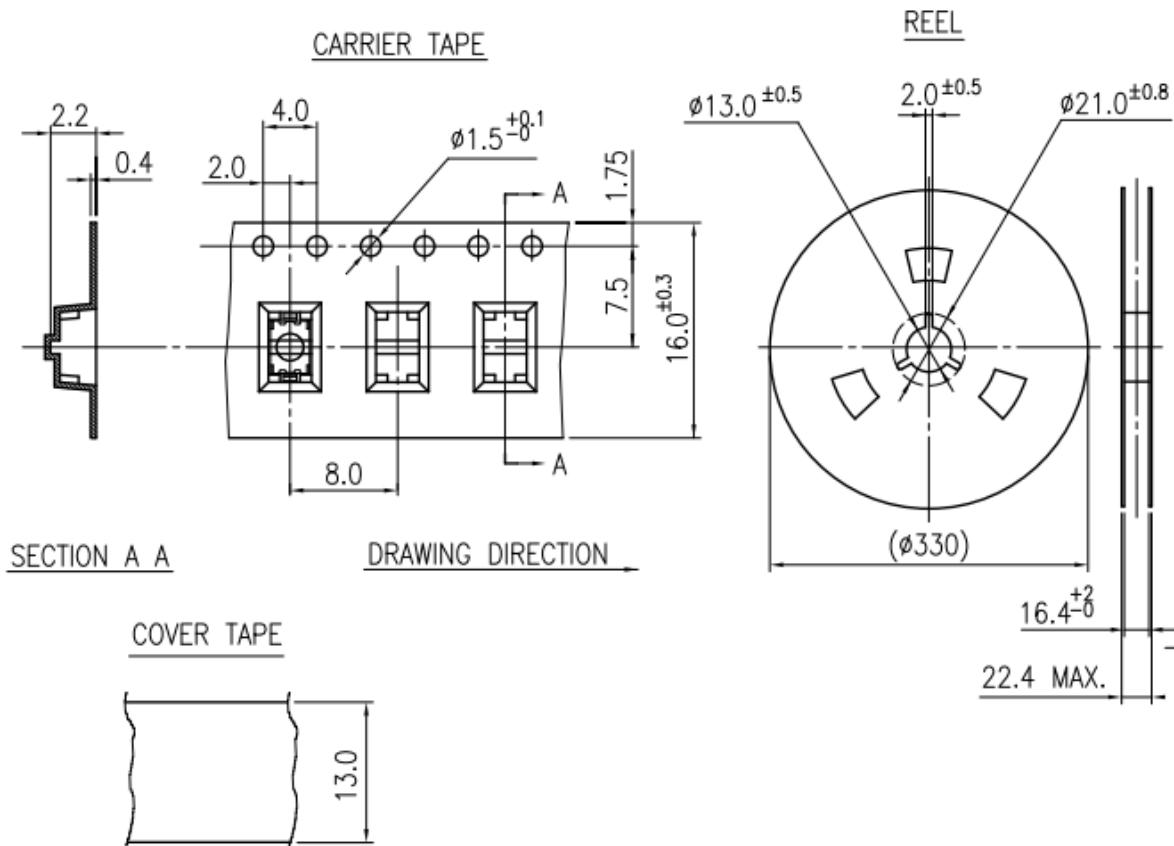
The packing specifications :

Structure and materials :



③	COVER TAPE	POLYESTER
②	CARRIER TAPE	POLYSTYRENE
①	REEL	POLYSTYRENE
NO.	PARTS NAME	MATERIALS

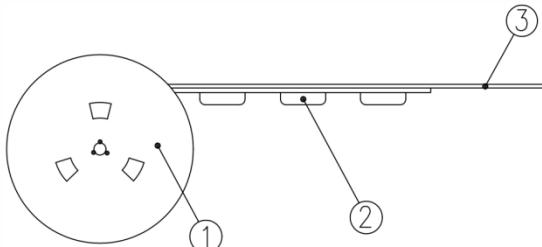
1. Packing quantity : 2,500 pcs/reel
2. More than 10 empty pockets should remain at each end of the carrier tape for each reel.
3. Shortage less than 10 pcs a reel is acceptable but more than 3 consecutive empty pockets are allowed.
4. Stripping strength of cover tape is between 10 gf to 70 gf and stripping angle should be within 165°~180°.
5. The product in the pocket of carrier tape should be placed in a specified correct position.
6. Tape and reel per EIA-481.
7. □



Surface Mount J Bend, Long Actuator

The packing specifications :

Structure and materials :



NO.	PARTS NAME	MATERIALS
③	COVER TAPE	POLYESTER
②	CARRIER TAPE	POLYSTYRENE
①	REEL	POLYSTYRENE

1. Packing quantity : 2,300 pcs/reel
2. More than 10 empty pockets should remain at each end of the carrier tape for each reel.
3. Shortage less than 10 pcs a reel is acceptable but no more than 3 consecutive empty pockets are allowed.
4. Stripping strength of cover tape is between 10 gf to 70 gf and stripping angle should be within 165°~180°.
5. The product in the pocket of carrier tape should be placed in a specified correct position.
6. Tape and reel per EIA-481
7. Dimensions :

