



Series 222V

6.0 x 6.0mm Tactile Switch

- Surface mount gull-wing terminal configurations
- Compatible with IR reflow, and manual soldering
- Variety of operating force and actuator height options



Ordering Information

Series	Terminal Type	Actuating Direction	Actuator Height "L"	Actuation Force	Packaging Type
222V	M	V	A	A	R

Code	Spec.
M	Surface mount gull wing

Code	Spec.
V	Vertical

Code	Spec.
A	7.30mm

Code	Spec.
A	160 gf
B	260 gf
C	100 gf

Code	Spec.
R	Tape & reel packaging



Electrical Specifications

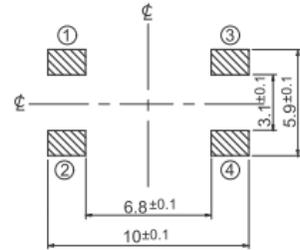
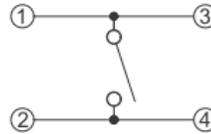
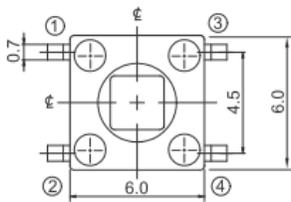
Parameter	Conditions & Remarks	Min	Max	Unit
Contact Resistance			100	milliohms
Insulation Resistance	Between insulated terminals	100		megohms
Dielectric Strength	250 VDC between adjacent switches		1	minute
Nonswitching Rating			50 or 12	mA or VDC

Mechanical and Environmental

Soldering	Maximum reflow temperature, 260°C for 3 seconds Maximum manual temperature, 350°C for 3 seconds
RoHS	Lead-Free. Fully compliant to RoHS Directive 2011/65/EU
Operating Force	100, 160 or 260 gf
Actuation Life	100 gf: 100,000 cycles 160 gf: 80,000 cycles 260 gf: 60,000 cycles
Actuator Strength	2 Kgf maximum
Travel	0.25mm
Packaging	Standard tape and reel packaging
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-40°C to +85°C

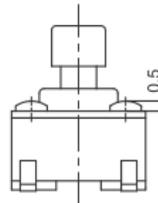
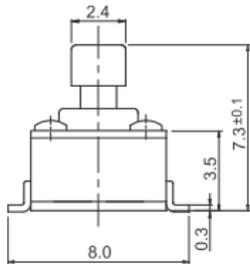
Mechanical Specifications

Figure 1 – 222VMA., Surface Mount Gull Wing, Actuator Height 7.3mm



CIRCUIT DIAGRAM

PCB LAYOUT



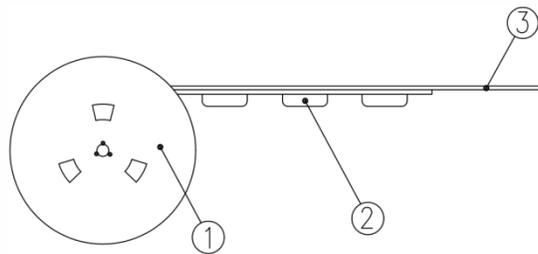
DIMENSION : mm
STANDARD TOLERANCE :
.X (1 PLACE) : ±0.3

Packing: Tape and Reel

Surface Mount Gull Wing, Actuator Height 7.3mm

The packing specifications:

1. Structure and materials:



No	PART NAME	MATERIAL
①	REEL	POLYSTYRENE
②	CARRIER TAPE	POLYSTYRENE
③	COVER TAPE	POLYESTER

2. Packing quantity: 700 pcs/reel
3. More than 10 empty pockets should remain at each end of the carrier tape for each reel.
4. Shortage of less than 10 pcs a reel is acceptable but no more than 3 consecutive empty pockets are allowed.
5. Stripping strength of cover tape is between 10 gf to 130 gf and stripping angle should be within 165°~180°.
6. The product in the pocket of carrier tape should be placed in a specified correct position.
7. Tape and reel per EIA-481.
8. Dimensions:

