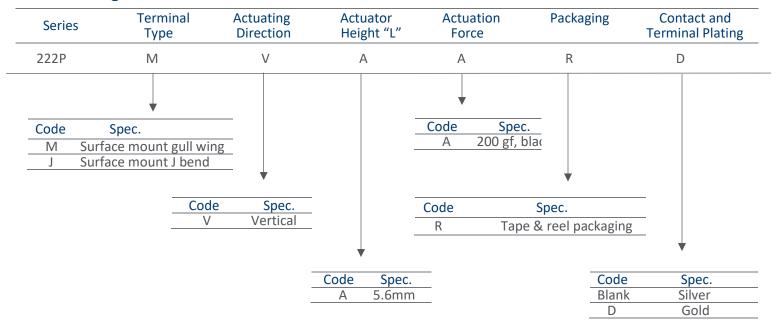


Series 222P Datasheet 6.2 x 6.2mm IP67 Rated Tactile Switch

- Surface mount gull wing and J-bend terminal configurations
- Compatible with IR reflow, and manual soldering
- Variety of operating force & actuator height options
- IP67 protection
- Long life
- Excellent tactile feel



Ordering Information





Series 222P Datasheet

Tactile Switch

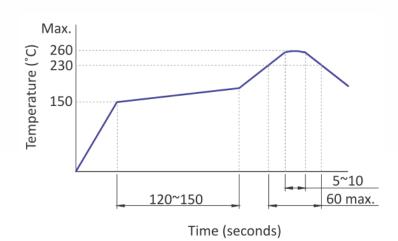
Electrical Specifications

Parameter	Conditions & Remarks	Min	Max	Unit
Contact Resistance			100	milliohms
Insulation Resistance	Between insulated terminals	1000		megohms
Dielectric Strength	250 VAC between adjacent switches		1	minute
Nonswitching Rating (Silver)			50	mA
			or	or
			32	VDC
Nonswitching Rating (Gold)			10	mA
			or	or
			32	VDC

Mechanical and Environmental

Soldering	Maximum reflow temperature, 260°C for 5 seconds Maximum manual temperature, 350°C for 3 seconds		
RoHS	Lead-Free. Fully compliant to RoHS Directive 2011/65/EU		
Operating Force	200±50 gf		
Actuation Life	100,000 cycles		
Actuator Strength	3 Kgf maximum		
Travel	0.25±0.15mm		
Packaging	Standard tape and reel packaging		
Operating Temperature Range (Silver)	-40°C to +85°C		
Operating Temperature Range (Gold)	-40°C to +125°C		
Storage Temperature Range (Silver)	-40°C to +85°C		
Storage Temperature Range (Gold)	-55°C to +125°C		
Waterproof Grade	IP67		

Soldering Profile







Mechanical Specifications

Figure 1 – 222PMV, Surface Mount Gull Wing, Actuator Height 5.6mm

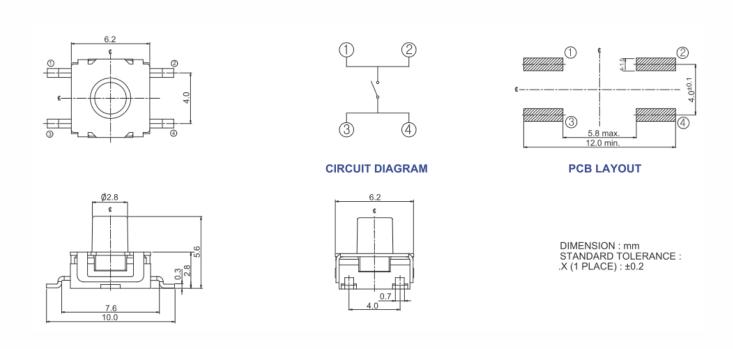
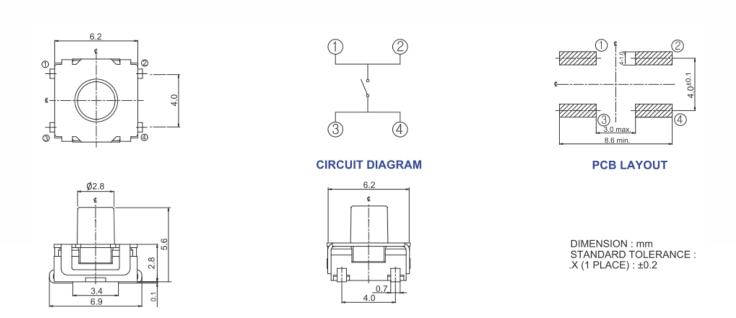


Figure 2 – 222PJV, Surface Mount J Bend, Actuator Height 5.6mm

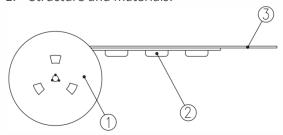


Packing: Tape and Reel

Surface Mount Gull Wing/J-Bend, Actuator Height 5.6mm

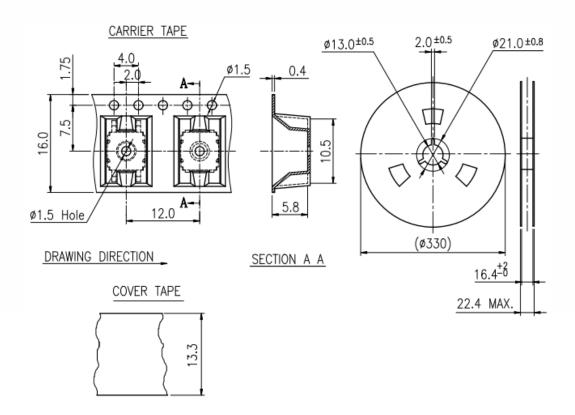
The packing specifications:

1. Structure and materials:



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

- 2. Packing quantity: 1,000 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:



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