



Series 222M

6.2 x 6.2mm IP57 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
- IP57 protection
- Long life
- Excellent tactile feel



Ordering Information

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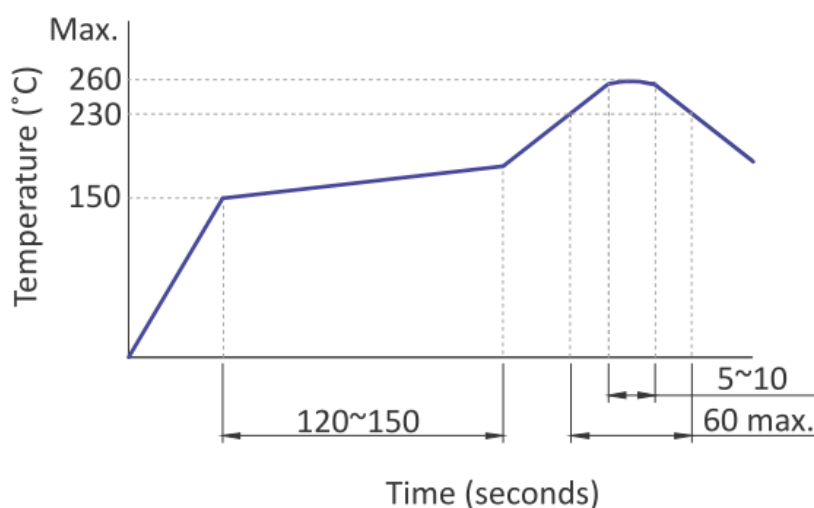
Electrical Specifications

Parameter	Conditions & Remarks	Min	Max	Unit
Contact Resistance			50	milliohms
Insulation Resistance	Between insulated terminals	1000		megohms
Dielectric Strength	250 VAC between adjacent switches		1	minute
Nonswitching Rating			1 or 32	VA or VDC/VAC

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	240±50 gf
Actuation Life	100,000 cycles
Actuator Strength	3 Kgf maximum
Travel	0.4±0.2mm
Packaging	Standard tape and reel packaging
Operating Temperature Range	-40°C to +90°C
Storage Temperature Range	-40°C to +90°C
Waterproof Grade	IP57

Soldering Profile



Mechanical Specifications

Figure 1 – 222MMV..., Surface Mount Gull Wing, Actuator Height 6.8mm

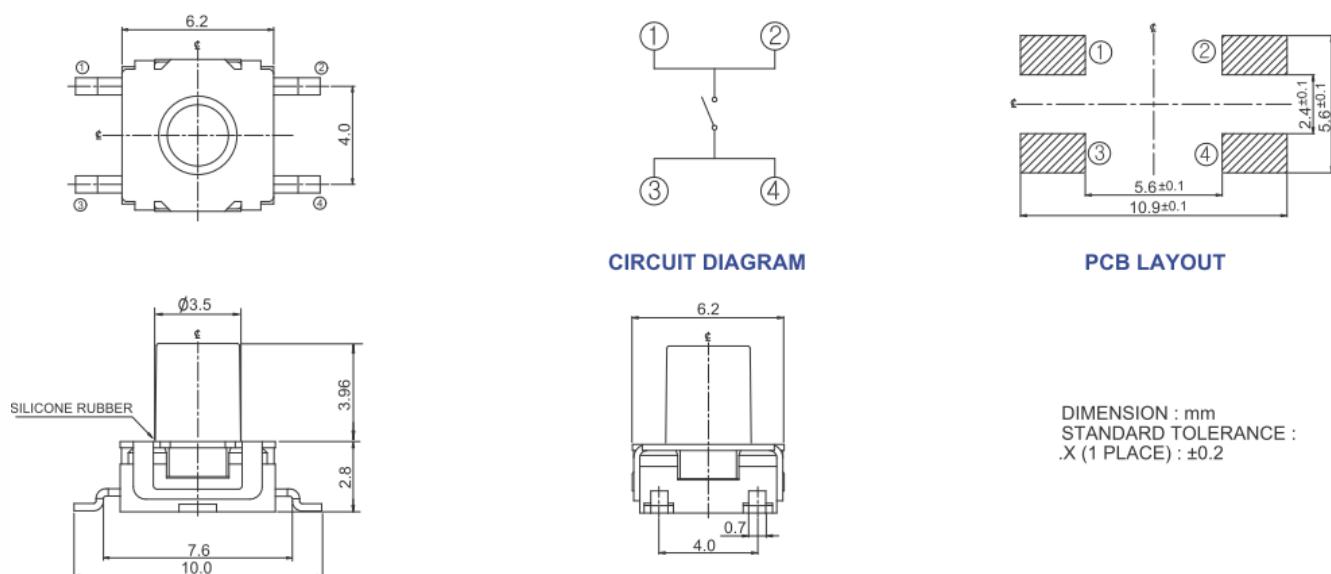
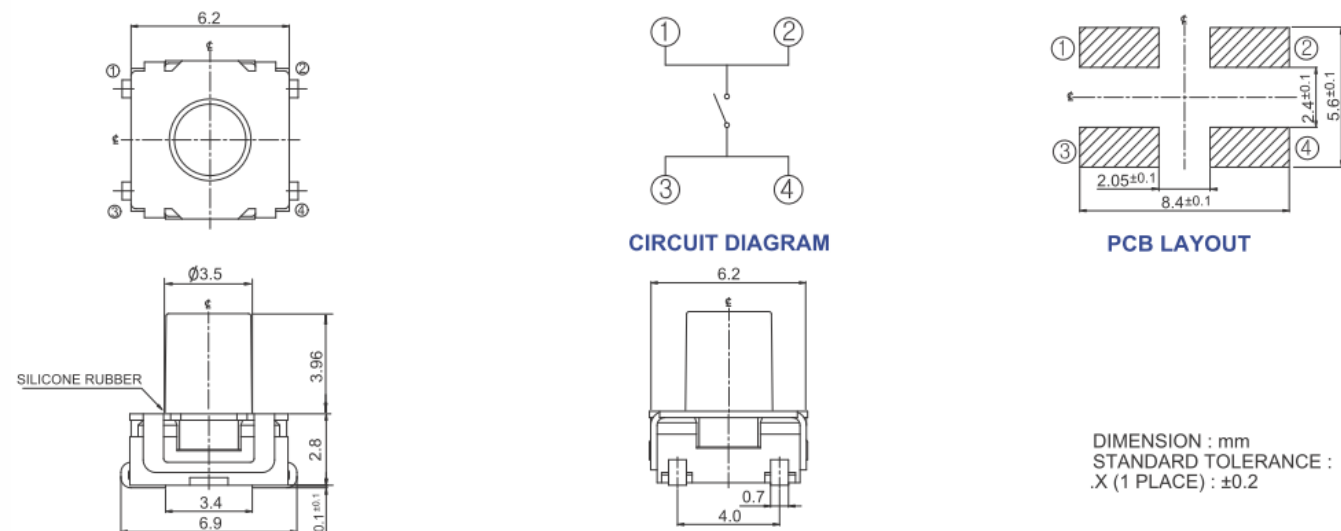


Figure 2 – 222MJV..., Surface Mount J Bend, Actuator Height 6.8mm

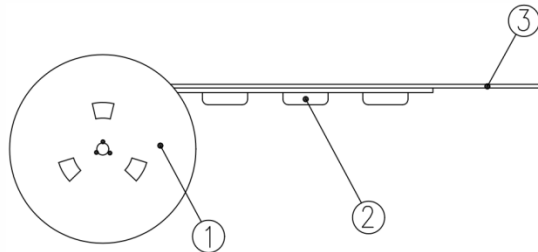


Packing: Tape and Reel

Surface Mount Gull Wing/J-Bend, Actuator Height 6.8mm

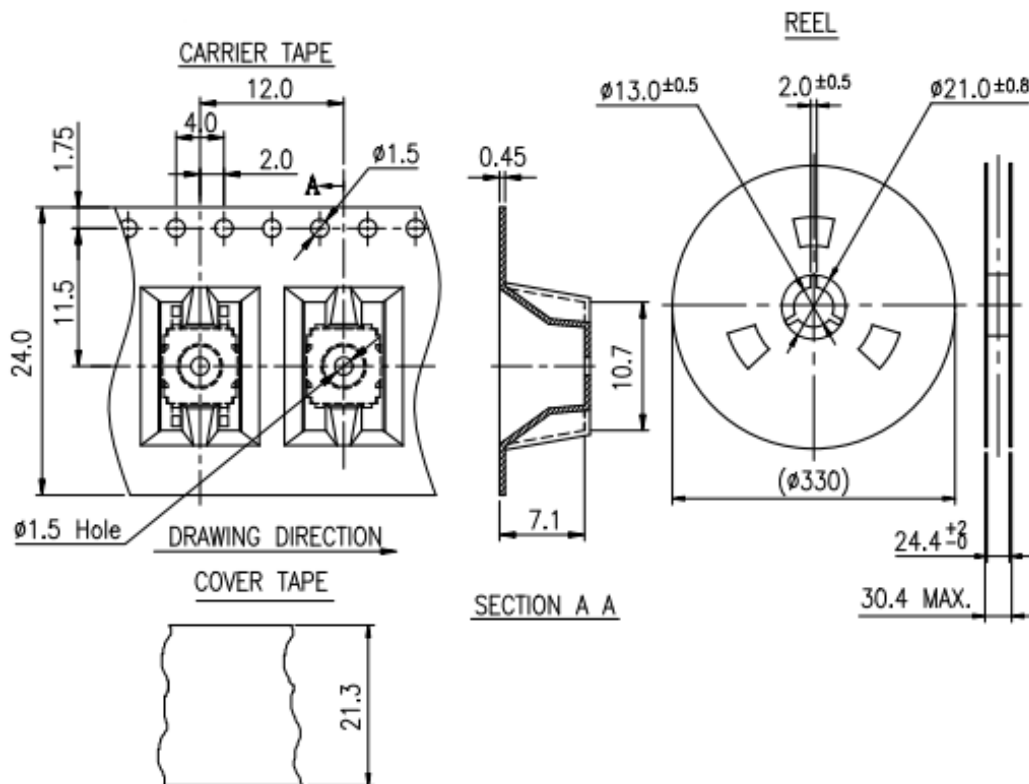
The packing specifications:

1. Structure and materials:



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

- Packing quantity: 800 pcs/reel
- More than 10 empty pockets should remain at each end of the carrier tape for each reel.
- Shortage of less than 10 pcs a reel is acceptable but no more than 3 consecutive empty pockets are allowed.
- Stripping strength of cover tape is between 10 gf to 130 gf and stripping angle should be within 165°~180°.
- The product in the pocket of carrier tape should be placed in a specified correct position.
- Tape and reel per EIA-481.
- Dimensions:



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