



# Series 222U

## 6.1 x 6.1mm IP67 Rated Tactile Switch

- Standard though hole configurations
- Compatible with wave, and manual soldering
- IP67 protection
- Excellent tactile feel



### Ordering Information

Series	Terminal Type	Actuating Direction	Actuator Height "L"	Actuation Force
222U	D	V	A	A

Code	Spec.
D	Standard though hole

Code	Spec.
V	Vertical

Code	Spec.
A	4.3mm

Code	Spec.
A	260 gf, black



## Electrical Specifications

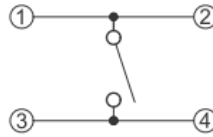
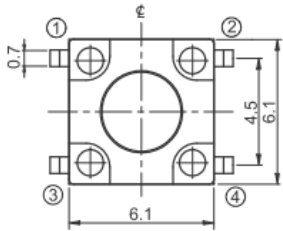
Parameter	Conditions & Remarks	Min	Max	Unit
Contact Resistance			100	milliohms
Insulation Resistance	Between insulated terminals	100		megohms
Dielectric Strength	250 VAC between adjacent switches		1	minute
Nonswitching Rating			50 or 12	mA or VDC

## Mechanical and Environmental

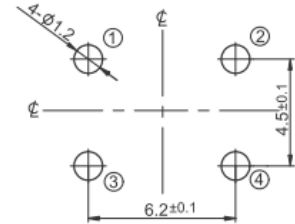
Soldering	Maximum wave temperature, 260°C for 5 seconds Maximum manual temperature, 350°C for 3 seconds
RoHS	Lead-Free. Fully compliant to RoHS Directive 2011/65/EU
Operating Force	260gf
Actuation Life	260 gf: 50,000 cycles
Actuator Strength	2 Kgf maximum
Travel	0.3±0.1mm
Packaging	Bulk pack
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-40°C to +85°C
Ingress Protection	IP67

**Mechanical Specifications**

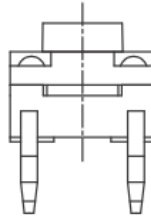
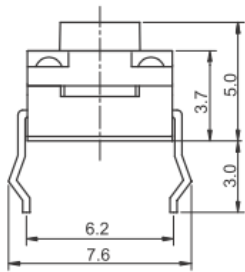
**Figure 1 – 222UDV, Standard Though Hole, Actuator Height 5.0mm**



**CIRCUIT DIAGRAM**



**PCB LAYOUT**



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