



Series 222U

6.1 x 6.1mm IP67 Rated Tactile Switch

- Standard through 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																
<table><tr><th>Code</th><th>Spec.</th></tr><tr><td>D</td><td>Standard though hole</td></tr></table> <table><tr><th>Code</th><th>Spec.</th></tr><tr><td>V</td><td>Vertical</td></tr></table> <table><tr><th>Code</th><th>Spec.</th></tr><tr><td>A</td><td>4.3mm</td></tr></table> <table><tr><th>Code</th><th>Spec.</th></tr><tr><td>A</td><td>260 gf, black</td></tr></table>					Code	Spec.	D	Standard though hole	Code	Spec.	V	Vertical	Code	Spec.	A	4.3mm	Code	Spec.	A	260 gf, black
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Electrical Specifications

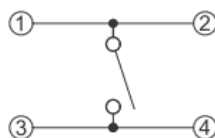
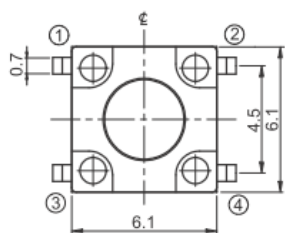
Parameter	Conditions & Remarks	Min	Max	Unit
Contact Resistance			100	milliohms
Insulation Resistance	Between insulated terminals	100		megohms
Dielectric Strength	250 VAC between adjacent switches		1	minute
Nonswitching Rating			50 or 12	mA or VDC

Mechanical and Environmental

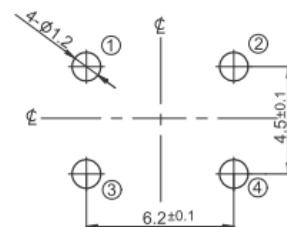
Soldering	Maximum wave temperature, 260°C for 5 seconds Maximum manual temperature, 350°C for 3 seconds
RoHS	Lead-Free. Fully compliant to RoHS Directive 2011/65/EU
Operating Force	260±50 gf
Actuation Life	50,000 cycles
Actuator Strength	2 Kgf maximum
Travel	0.3±0.1mm
Packaging	Bulk pack
Operating Temperature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

Mechanical Specifications

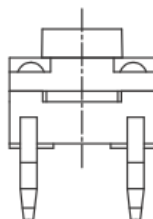
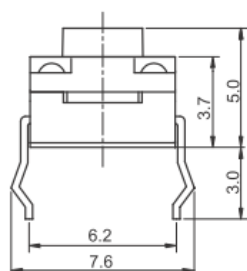
Figure 1 – 222UDV, Standard Though Hole, Actuator Height 5.0mm



CIRCUIT DIAGRAM



PCB LAYOUT



DIMENSION : mm
STANDARD TOLERANCE :
.X (1 PLACE) : ±0.2