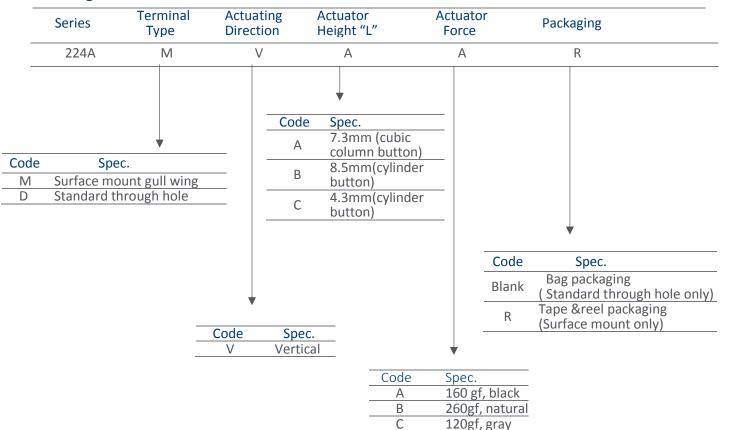


Ordering Information



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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 | 1 minute between adjacent switches | | 250 | VAC |
| Nonswitching Rating | | | 50 | mA |
| | | | or 12 | or VDC |

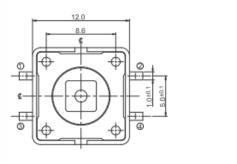
Mechanical and Environmental

| 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 and 2015/863/EU | |
| Operating Force | 120, 160, 260 gf | |
| Actuation Life | 120 gf: 1,000,000 cycles 160 gf: 500,000 cycles 260 gf: 300,000 cycles | |
| Actuator Strength | 3 Kgf maximum | |
| Travel | 0.3 mm | |
| Packaging | Bag packaging Standard tape and reel packaging | |
| Operating Temperature Range | -40°C to +85°C | |
| Storage Temperature Range | -40°C to +85°C | |

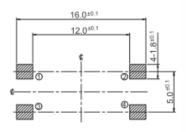


Mechanical Specifications

Figure 1–224AMVA... Surface Mount Gull Wing, Actuator Height 7.3mm

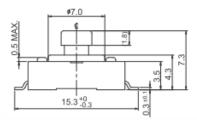


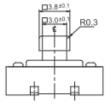




CIRCUIT DIAGRAM

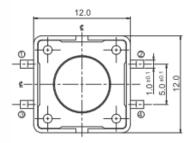


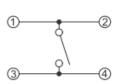


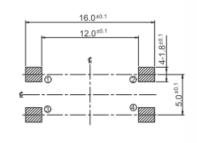


DIMENSION : mm STANDARD TOLERANCE : .X (1 PLACE) : ±0.20

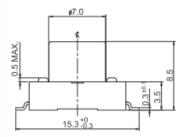
Figure 2 – 224AMVB... Surface Mount Gull Wing, Actuator Height 8.5mm

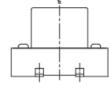






CIRCUIT DIAGRAM





PCB LAYOUT

DIMENSION : mm STANDARD TOLERANCE : .X (1 PLACE) : ±0.20

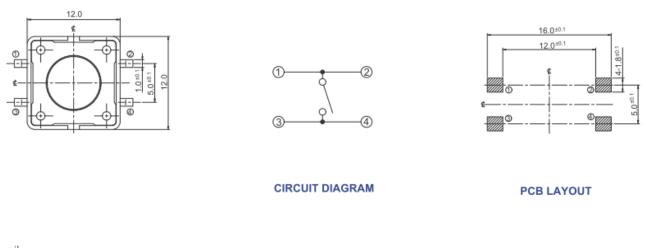
2019-06-5 Rev. A

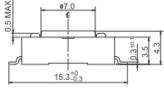
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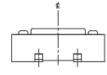
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Figure 3 –224AMVC... Surface Mount Gull Wing, Actuator Height 4.3mm

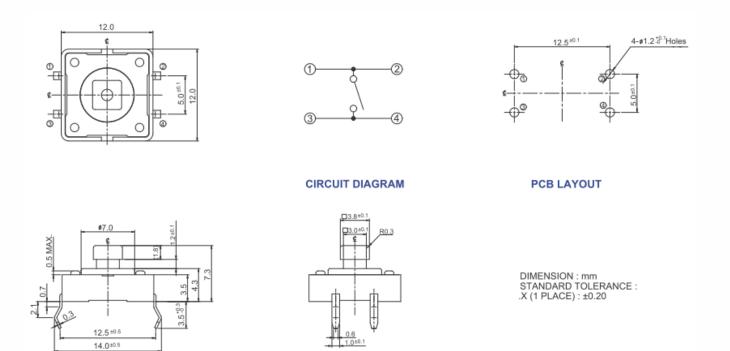






DIMENSION : mm STANDARD TOLERANCE : .X (1 PLACE) : ±0.20

Figure 4 –224ADVA... Standard Through Hole, Actuator Height 7.3mm



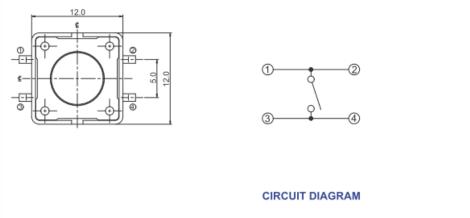
2019-06-5 Rev. A

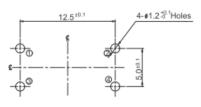
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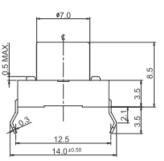


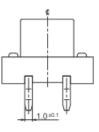
Figure 5 – 224ADVB... Standard Through Hole, Actuator Height 8.5mm





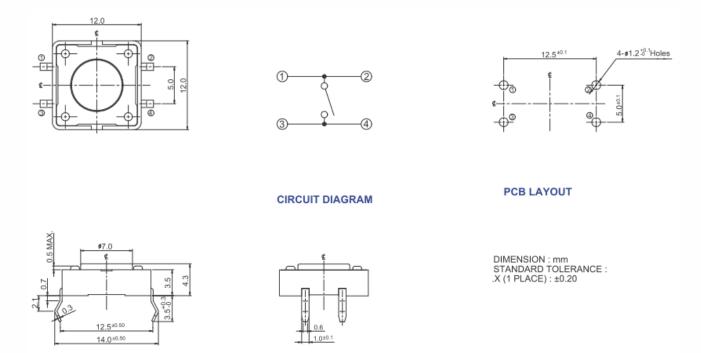
PCB LAYOUT





DIMENSION : mm STANDARD TOLERANCE : .X (1 PLACE) : ±0.20

Figure 6 –224ADVC... Standard Through Hole, Actuator Height 4.3mm



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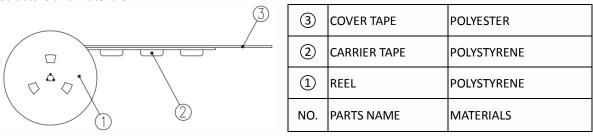
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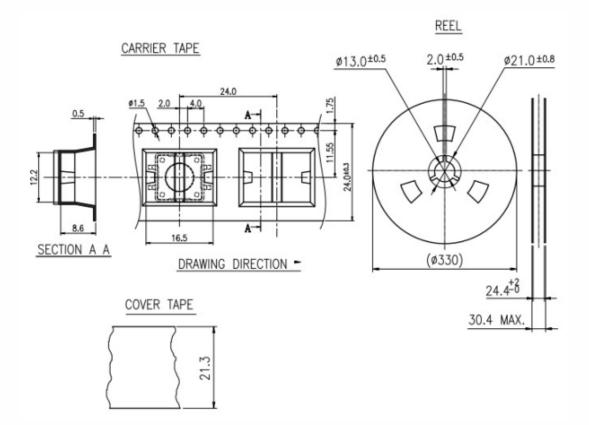
Surface Mount Gull Wing

The packing specifications :

Structure and materials :



- 1. Packing quantity : 250 pcs/reel
- 2. More than 10 empty pockets should remain at each end of the carrier tape for each reel.
- 3. Shortage less than 10 pcs a reel is acceptable but no more than 3 consecutive empty pockets are allowed.
- 4. Stripping strength of cover tape is between 10 gf to 70 gf and stripping angle should be within 165°~180°.
- 5. The product in the pocket of carrier tape should be placed in a specified correct position.
- 6. Tape and reel per EIA-481
- 7. Dimensions :



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