

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

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Page 3 of 6



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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Page 4 of 6



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



2019-06-5 Rev. A

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Page 5 of 6



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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Page 6 of 6