

Slide Switches

Microminiature slide switches •



DISTINCTIVE FEATURES

Ultra compact size
Low profile
Molded-in or epoxy sealed terminals
Washing not recommended



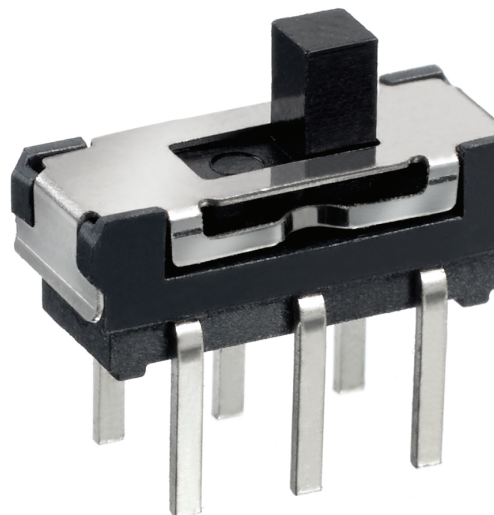
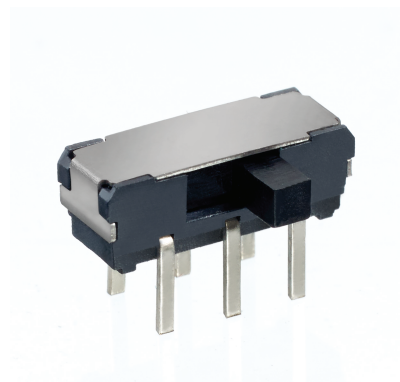
ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -10 °C to +60 °C (14 °F to +140 °F)
- Storage Temperature: -30 °C to +80 °C (-22 °F to +176 °F) for 96 hours
- Solder heat resistance: 260°C (500 °F) max for 5 seconds



ELECTRICAL SPECIFICATIONS

- Contact rating: 100 mA 12VDC
- Contact Resistance: 20 Ω max.
- Insulation Resistance: 100 M Ω min. at 500VDC
- Electrical life: 10,000 cycles min.



Slide switch series

Microminiature slide switches • **MHSS SERIES**

SPECIFICATION

Contact rating: 300 mA at 6 VDC
Initial contact resistance: 60 milliohms max.
Insulation resistance: 100 megohms min. at 100 VDC
Dielectric strength: 100 volts RMS at sea level
Electrical life: 5,000 cycles min.
Operating temperature range: -20°C to +70°C
Solder heat resistance: 350°C max. for 3 seconds
Washing not recommended

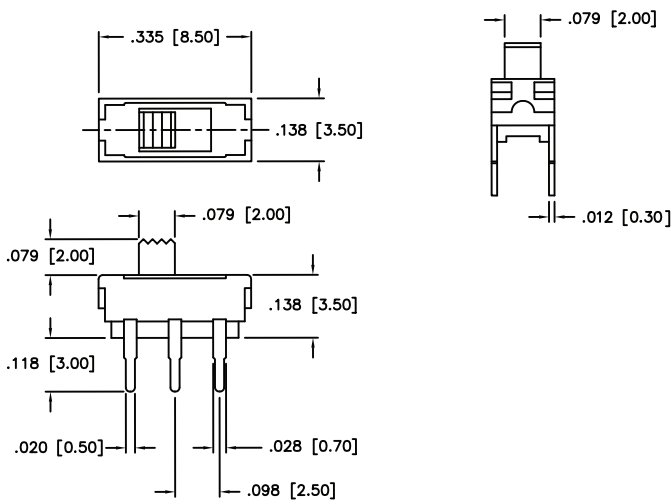
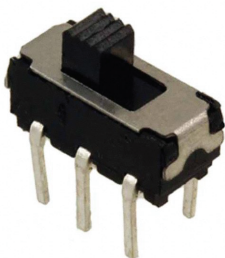
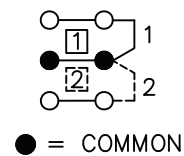
FEATURES

- Excellent tactile feedback (detent action)
- Molded-in terminals minimize flux or solder entry
- Ultra compact case size
- Low Profile

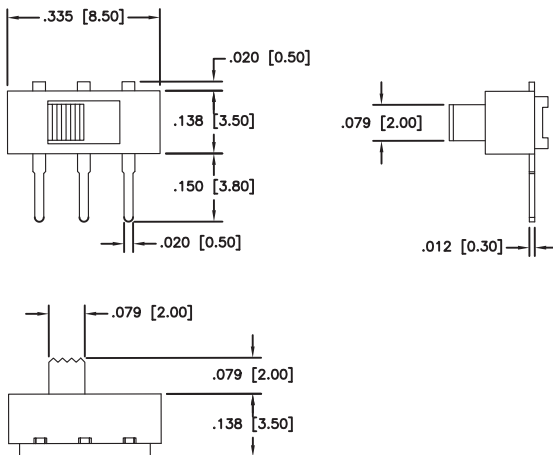
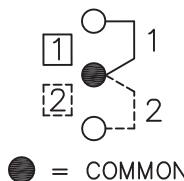
MATERIALS

Contacts & terminals: Silver plated
Case: 30% Glass filled nylon, type 6/6, black
Actuator: Nylon, type 6/6, black

MHSS1104



MHSS1105



Slide switch series

Microminiature slide switches • MS SERIES

SPECIFICATION

Contact rating: 300 mA at 6 VDC
Initial contact resistance: 70 milliohms max.
Insulation resistance: 100 megohms min. at 500 VDC
Dielectric strength: 500 volts RMS at sea level
Electrical life: 10,000 cycles min.
Operating temperature range: -10°C to +60°C
Solder heat resistance: 260°C max. for 3 seconds
Washing not recommended

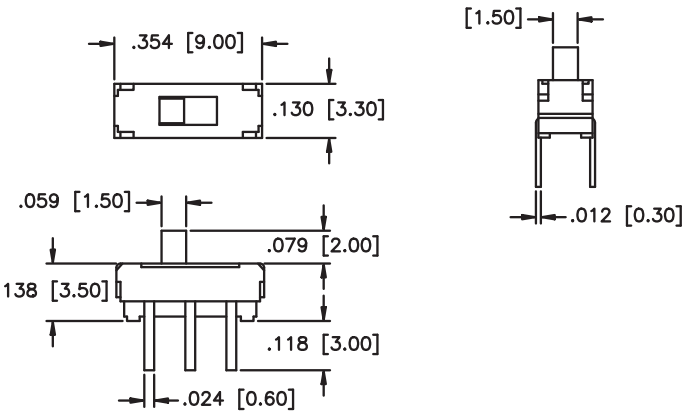
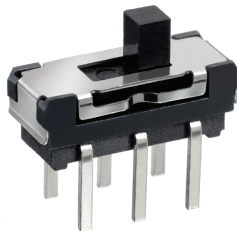
FEATURES

- Low profile
- Insert molded terminals
- Stainless steel cover

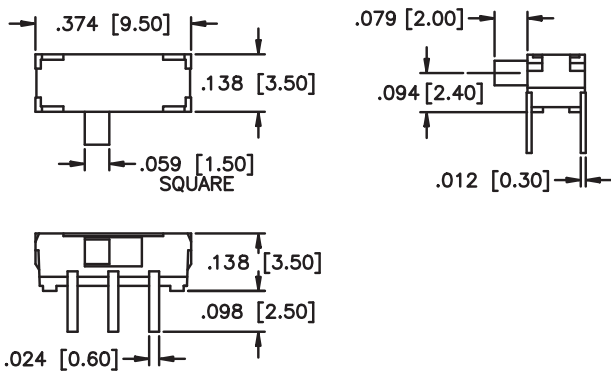
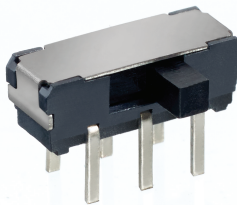
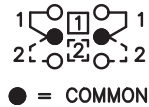
MATERIALS

Contacts & terminals: Silver plated
Cover: Stainless steel
Actuator: Thermoplastic
Base: High temperature thermoplastic
Terminal seal: Insert molded

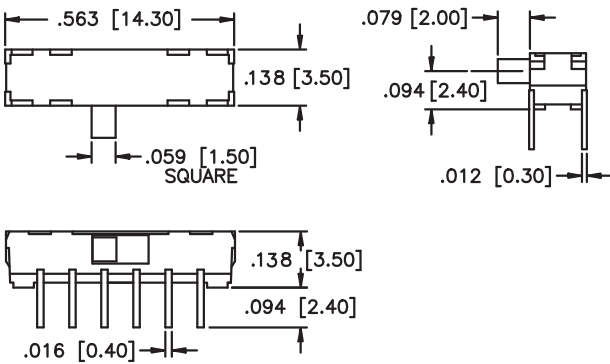
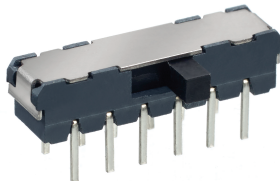
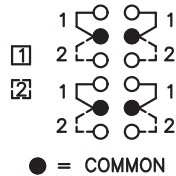
MS22



MS22R



MS42R



Slide switch series

Microminiature slide switches • MMS SERIES

SPECIFICATION

Contact rating: 300 mA at 30 VDC
Initial contact resistance: 25 milliohms max.
Insulation resistance: 100 megohms min. at 500 VDC
Dielectric strength: 500 volts RMS for 1 minute
Electrical life: 10,000 cycles min.
Operating temperature range: -20°C to +70°C
Solder heat resistance: 255°C max. for 5 seconds
Washing not recommended

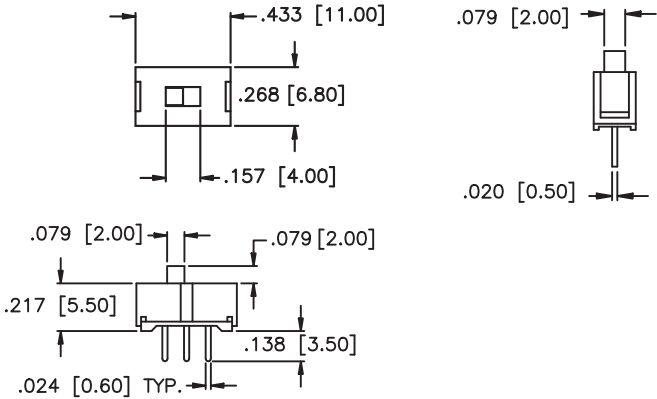
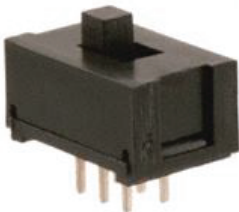
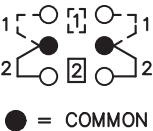
FEATURES

- Bifurcated wiping contact design
- Low profile
- Epoxy sealed terminals

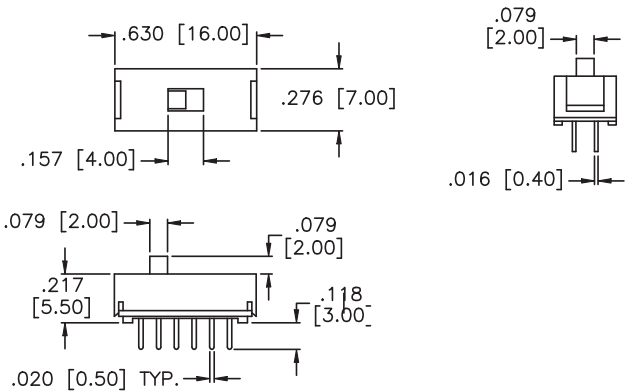
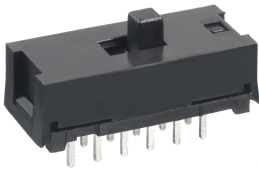
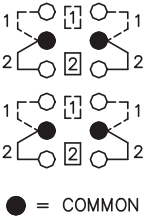
MATERIALS

Contacts & terminals: Silver plated
Case: Polyacetal
Actuator: PBT
Base: Glass filled PBT
Terminal seal: Epoxy or phenol resin

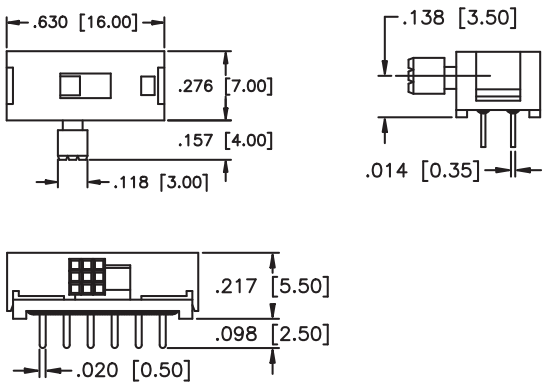
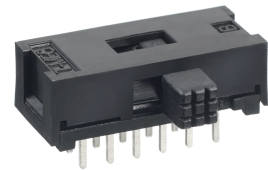
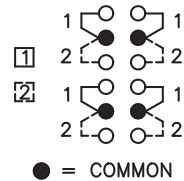
MMS2214



MMS42



MMS42R



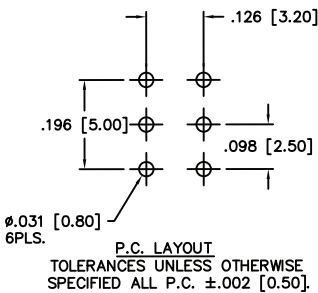
Slide switch series

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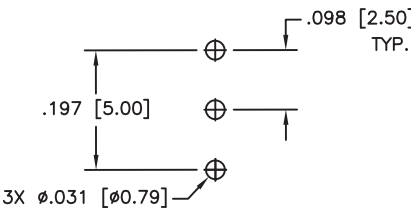


PCB LAYOUT

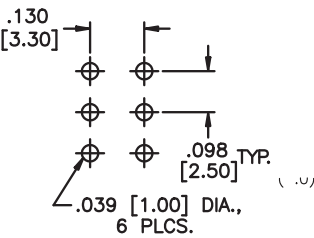
MHSS1104



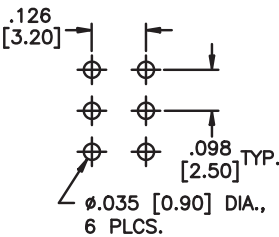
MHSS1105



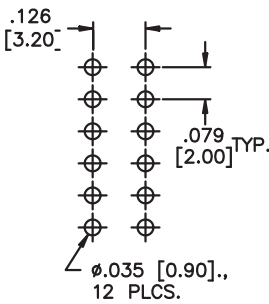
MS22



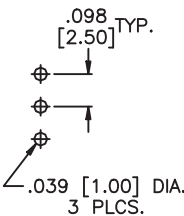
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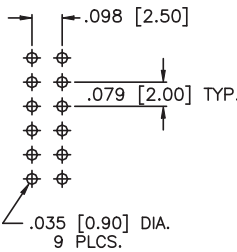
MS42R



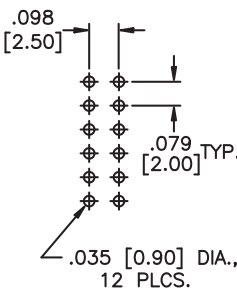
MMS2214



MMS42



MMS42R



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