# Slide Switches, Micro Size, Instrumentation Grade



## MATERIAL SPECIFICATIONS:

Contacts .....Silver or gold plate
Case Material .....Polyester PPS UL94VO
Actuator Material .....Polyamide UL94HB
Cover Material .....Polyamide UL94HB
Terminals .....Silver or gold plate
Terminal Seal .....Epoxy

## ENVIRONMENTAL SPECIFICATIONS:

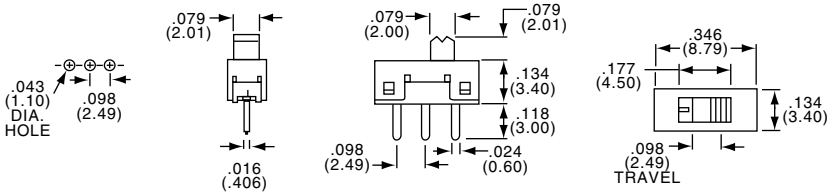
Operating Temperature.....-4°F to +158°F (-20°C to +70°C)
Storage Temperature.....-40°F to +194°F (-40°C +90°C
Solder Heat Resistance.....260°C (+500°F) for 5 seconds per MIL-STD-202, Method 210

## TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating .....Gold: 0.4 VA max. @ 20 VDC or peak AC
Silver: 100 Milliamps @ 30 VDC
Initial Contact Resistance.....30 Milliohms max.
Contact Timing.....Break-Before-Make
Insulation Resistance .....100 Megohms min.
Dielectric Strength .....500 VAC
Actuation Force .....250 ± 100 Grams
Actuator Travel.....0.098" (2.49)
Life Expectancy .....Up to 10,000 Cycles

## SPDT

SSA12

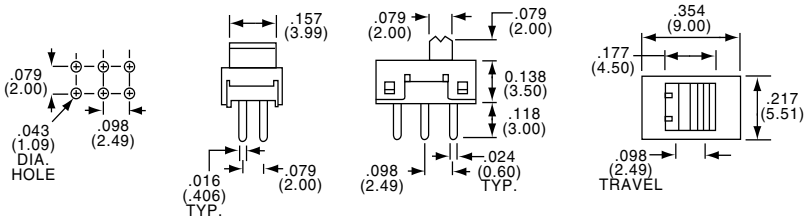



Circuit Diagram

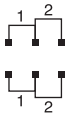
| Part Number | | | |
|---|---|---|---|
| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
| 1-1437575-4 | SSA12 | Silver | Upright |
| 1-1437575-5 | SSA12G | Gold | Upright |

## DPDT

SSA22




Circuit Diagram




| Part Number | | | |
|---|---|---|---|
| Tyco Electronics | Alcoswitch | Plating | Mounting Style |
| 1-1437575-6 | SSA22 | Silver | Upright |
| 1-1437575-7 | SSA22G | Gold | Upright |



Catalog 1308390
Issued 9-04
www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in parentheses or brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425
South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967