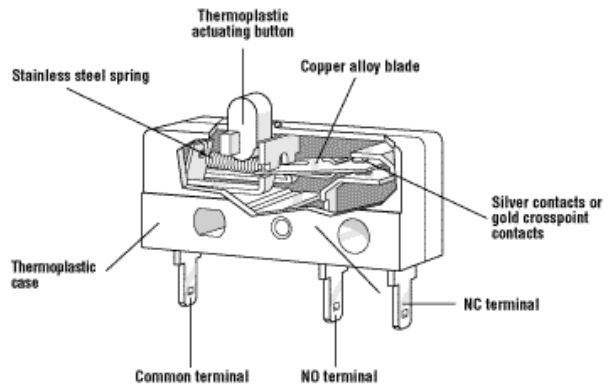


SUBMINIATURE Switch Modules

E61-E63 Series



Features

- 3 Contact Ratings
- Long life coil spring mechanism
- Choice of actuator
- Four terminal types
- RoHS compliant

Electrical Ratings and Operating Life

| Switch Series | According to UL 1054 | |
|---------------|---------------------------------|-------------------------------|
| | Nominal Load | Electrical Life at Rated Load |
| E61 | 5A 125/250 VAC | 6000 |
| E62 | 10.1A 125/250 VAC; 1/4HP 125VAC | 6000 |
| E63 | 0.1A 125VAC | 6000 |

Technical Specifications

| | |
|---------------------|--|
| Temperature Rating: | -40°C to 85°C |
| Flammability Rating | UL94HB |
| Mounting: | Recommended screw: #2-56 round head Recommended torque: 2 inch lbs. max |
| UL File Number: | E23301 |

Specifications subject to change

Material Specifications

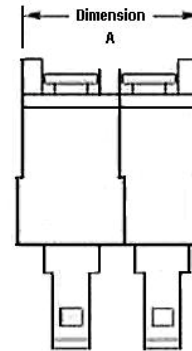
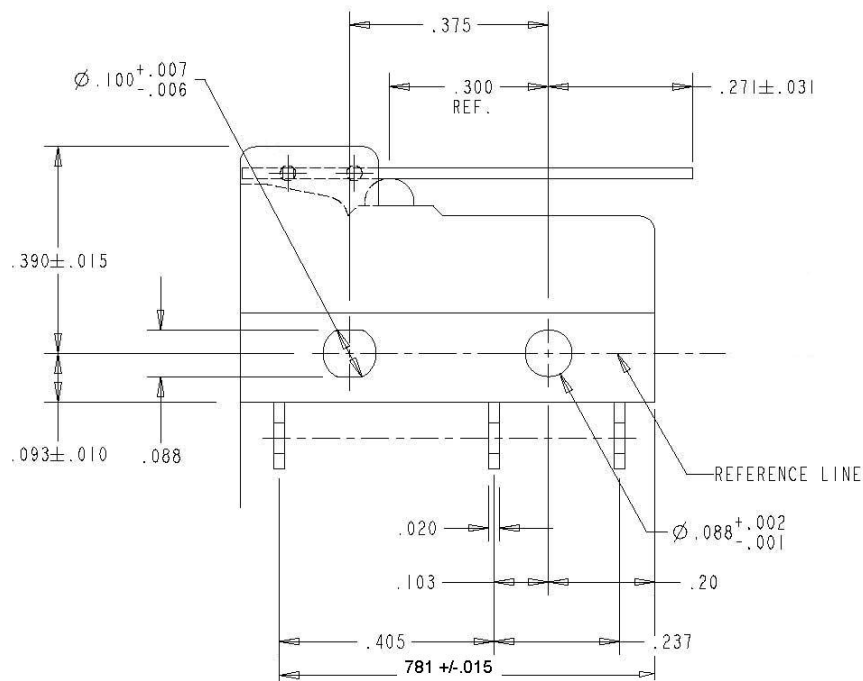
| | |
|---------------------|---|
| Case: | Thermoplastic |
| Actuating Button: | Thermoplastic Acetal |
| Terminal: | Silver Plated Commercial Bronze |
| Moving Blade: | Beryllium Copper |
| Spring: | Stainless Steel |
| Contacts: | E61, E62: Fine Silver E63: Gold Crosspoint |
| Auxiliary Actuator: | Cold Rolled Steel (Nickel-Plated) |



SUBMINIATURE Switch Modules

E61-E63 Series

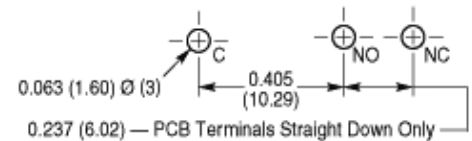
Dimensions inches



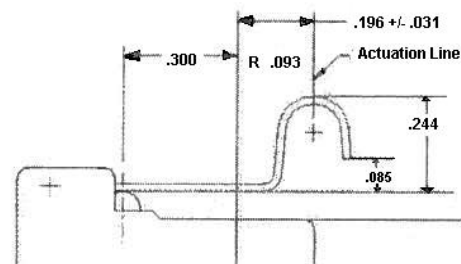
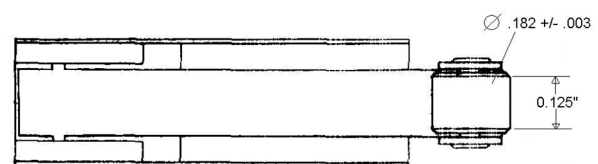
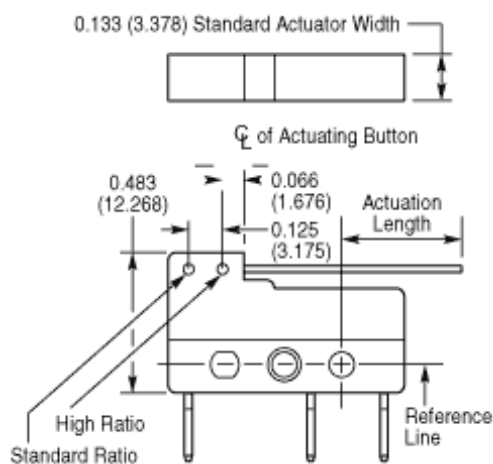
A Dimension

| |
|--------------------------------------|
| $.470 \pm 0.020$ (11.934 \pm 0.51) |
| 0.672 ± 0.020 (17.07 \pm 0.51) |
| 0.875 ± 0.020 (22.23 \pm 0.51) |
| 1.066 ± 0.020 (27.58 \pm 0.51) |

PCB Terminal Footprint



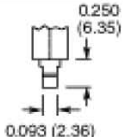
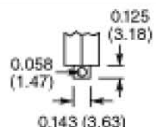
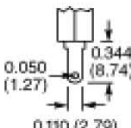
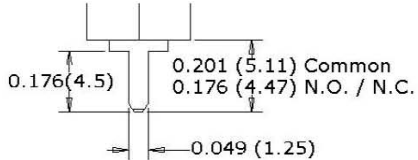
Actuators inches (mm)



SUBMINIATURE Switch Modules

E61-E63 Series

Terminals:

| Terminal Type | Dimensions | Actuator Position | Part Number Suffix (with straight lever) | | | |
|--|--|-------------------|--|-------|-------|-------|
| | | | 2PDT | 3PDT | 4PDT | 5PDT |
| QC (Quick Connect) 0.093" (2.36)** |  | Standard Ratio | -02HM | -03HM | -04HM | -05HM |
| | | High Ratio | -52HM | -53HM | -54HM | -55HM |
| Short Solder 0.143" x 0.125" (3.63mm x 3.18mm) |  | Standard Ratio | -12HM | -13HM | -14HM | -15HM |
| | | High Ratio | -62HM | -63HM | -64HM | -65HM |
| QC (Quick Connect) 0.110" (2.794mm) *** |  | Standard Ratio | -32HM | -33HM | -34HM | -35HM |
| | | High Ratio | -82HM | -83HM | -84HM | -85HM |
| PCB 0.049" x 0.176" (1.25mm x 4.47mm) |  | Standard Ratio | Consult Factory | | | |
| | | High Ratio | Consult Factory | | | |

Consult factory for switch part numbers if ordering pcb terminals

Terminal Mating Connectors:

** 0.093" QC terminals mate with AMP part number 60432-1

*** 0.110" QC terminals mate with AMP part number 42068-1

Switch Characteristics

- Consult factory for switch availability and characteristics.

Ordering Information

1. Select the contact rating prefix you need (E61-E63).
2. Combine the prefix with the corresponding terminal configuration. For example part number E63-02HM will provide you with a gold crosspoint subminiature switch module with 0.093" QC terminals and a straight lever with a 0.396" actuation length.

Contact

Call, fax or visit our
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