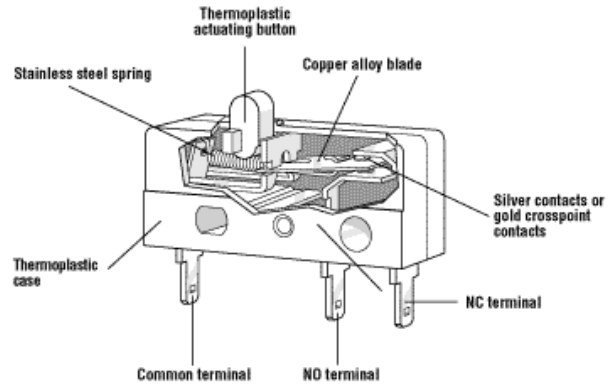


# SUBMINIATURE Switch Modules

# 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

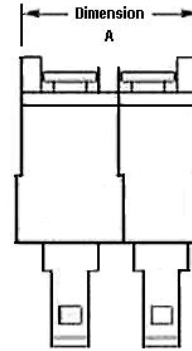
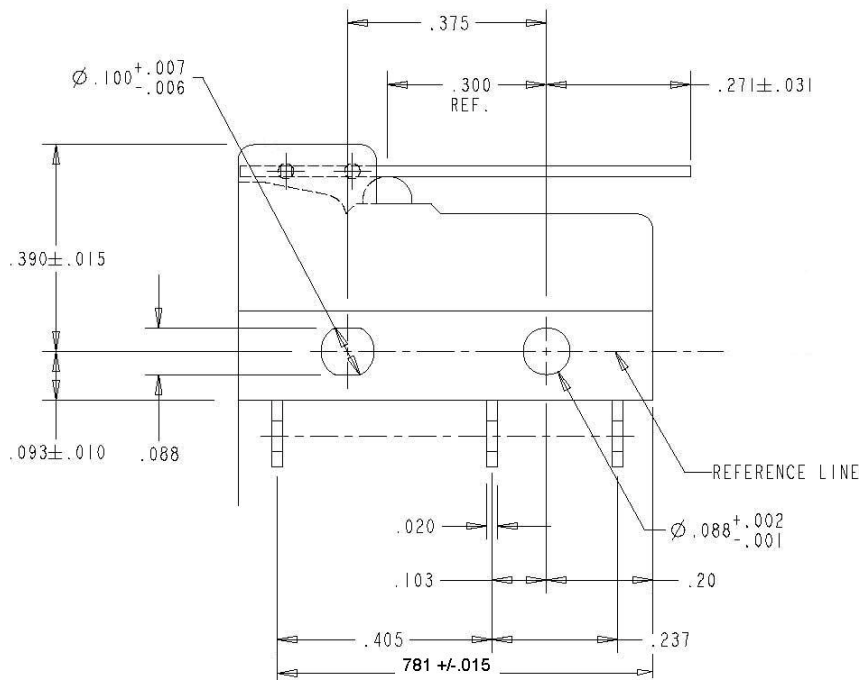
**Auxiliary Actuator:** Cold Rolled Steel (Nickel-Plated)



SUBMINIATURE Switch Modules

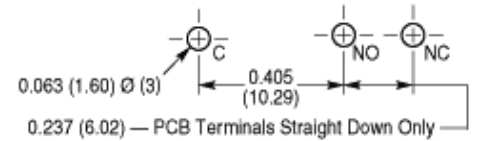
# E61-E63 Series

Dimensions inches

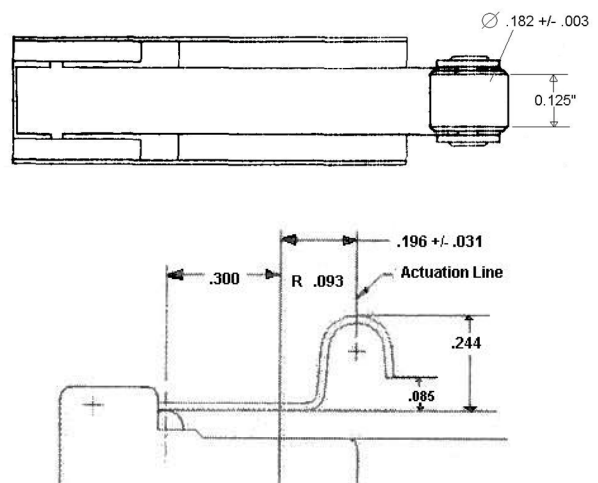
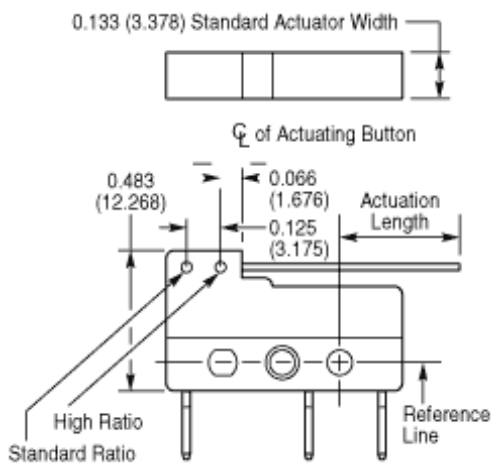


A Dimension
$.470 \pm 0.020$ (11.934 $\pm$ 0.51)
$0.672 \pm 0.020$ (17.07 $\pm$ 0.51)
$0.875 \pm 0.020$ (22.23 $\pm$ 0.51)
$1.066 \pm 0.020$ (27.58 $\pm$ 0.51)

PCB Terminal Footprint



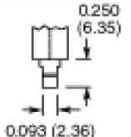
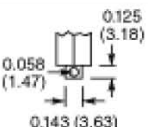
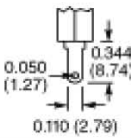
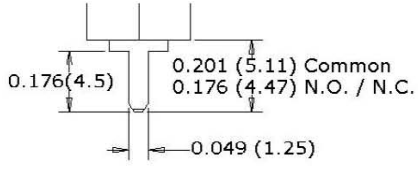
Actuators inches (mm)



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 Website for more information.

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