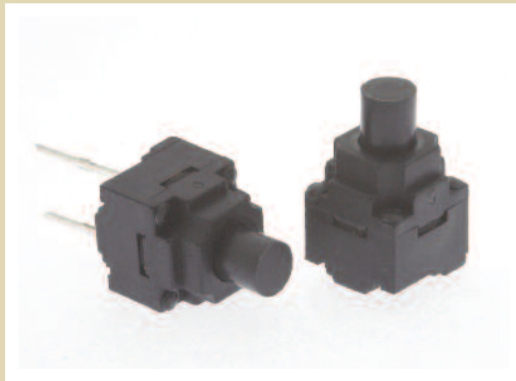


# SERIES TL52 SWITCHES

## THRU HOLE TACTILE SWITCH



E-SWITCH™



### FEATURES & BENEFITS

- Sealed to IP-67 rating
- Radial packaging
- Silver contacts

### APPLICATIONS / MARKETS

- Appliance
- Testing/instrumentation
- Medical

### MECHANICAL SPECIFICATIONS

|                  |                          |
|------------------|--------------------------|
| Mechanical Life: | 100,000 cycles           |
| Force:           | 260 ± 50 gf; 160 ± 50 gf |
| Travel:          | 0.3 +0.2/-0.1mm          |

### ELECTRICAL SPECIFICATIONS

|                                    |                       |
|------------------------------------|-----------------------|
| Contact Rating:                    | 50mA @12 VDC          |
| Contact Resistance (Initial Max.): | 100 mOhms             |
| Insulation Resistance:             | 100 MOhms min @100VDC |
| Dielectric Strength (1 Min.):      | 250VAC                |
| Bounce:                            | 10m Second Max        |

### ENVIRONMENTAL SPECIFICATIONS

|                        |                |
|------------------------|----------------|
| Operating Temperature: | -25°C to +85°C |
|------------------------|----------------|

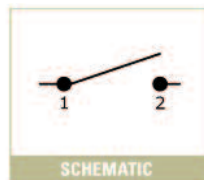
### HOW TO ORDER

| SERIES | MODEL | ACTUATOR | FORCE                          | PLATING    |
|--------|-------|----------|--------------------------------|------------|
| TL     | 52    |          |                                |            |
|        |       | A = 13.0 | F160 = 160 gf<br>F260 = 260 gf | Q = Silver |

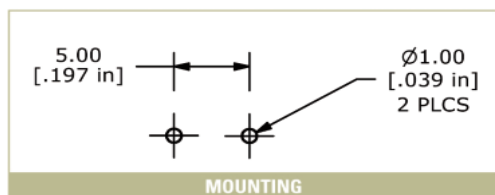
### Example Ordering Number

TL52AF160Q

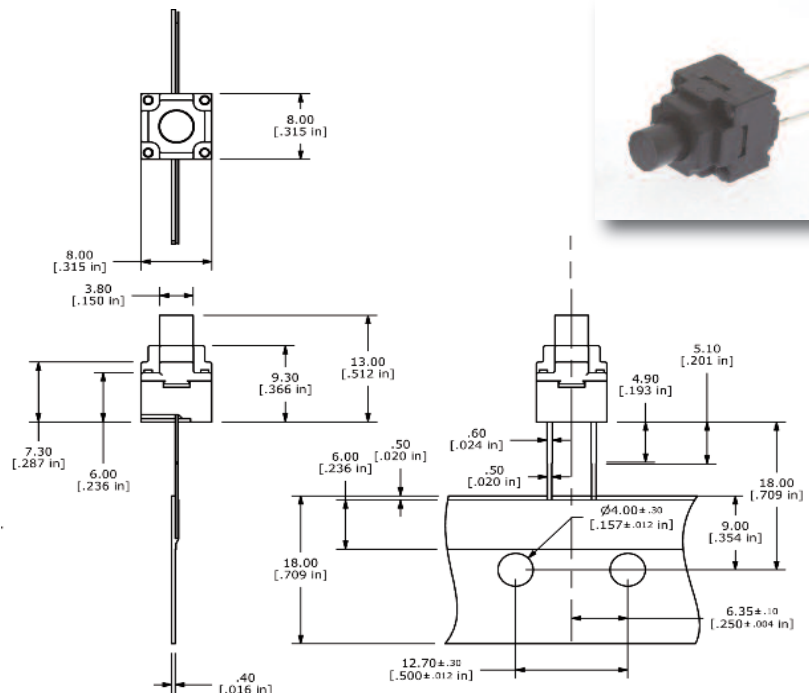
Specifications subject to change without notice.



SCHEMATIC



MOUNTING



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

[TL52AF260Q](#) [TL52AF160Q](#)