35-824

GC ELECTRONICS

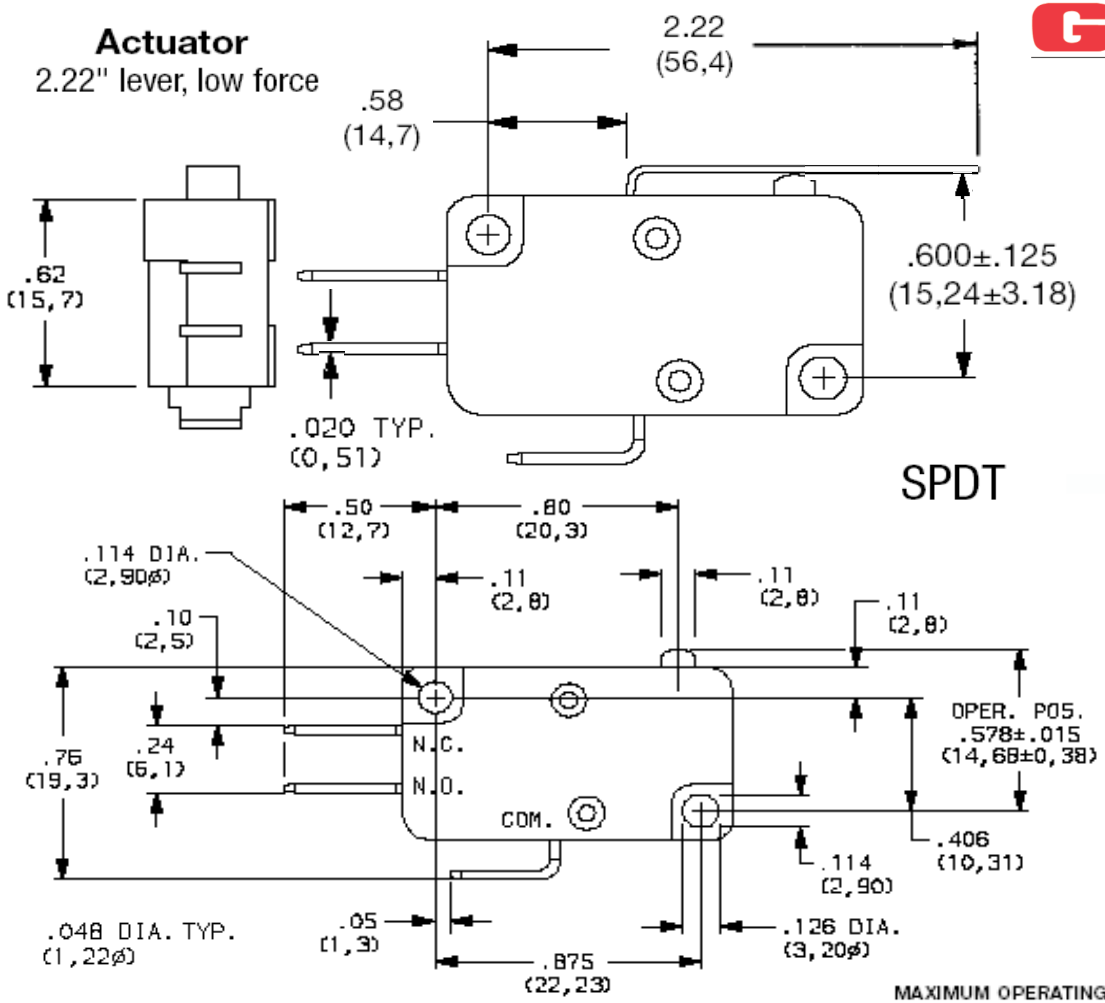
Miniature Snap-acting Switches

Recommended maximum screw size: 4-40.

RoHS: CERTIFIED

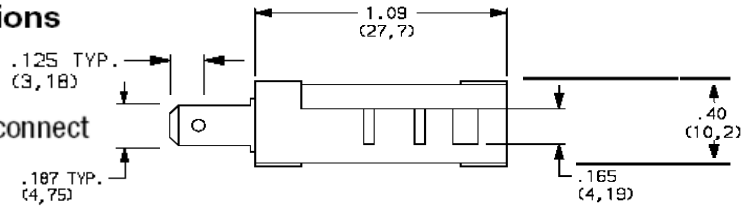
Actuator

2.22" lever, low force



Terminations

.187" quick connect



Electrical Rating

10 A @ 125 & 250 V AC; 1/3 HP @ 125 & 250 V AC;1/2 A @ 125 V DC; 1/4 A @ 250 V DC

Specifications

CONTACT RATING: From low level* to 15 AMPS @ 250 V AC.

ELECTRICAL LIFE: 150,000 cycles at 15 AMPS @ 250 V AC, models with 150 grams operating force. 350,000 cycles at 10 AMPS @ 250 V AC, models with 75 grams operating force.

INSULATION RESISTANCE: 1,000 M Ω min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

OPERATING TEMPERATURE: –67°F to 302°F (–55°C to 150°C).

OPERATING FORCE: 50, 75 and 150 grams at actuator available; refer to chart for lever style forces.

MOUNTING: Torque screws 2-5 in/lbs.

SP MOMENTARY

Materials

SWITCH HOUSING: Thermoplastic or general purpose phenolic (UL 94V-0).

ACTUATOR BUTTON: Thermoplastic (UL 94V-0).

SPRING: Copper alloy.

PIVOT: Brass alloy.

MOVABLE CONTACTS: Gold alloy for ratings 1 AMP @ 125 V AC or less. Fine silver for ratings greater than 1 AMP @ 125 V AC.

STATIONARY CONTACTS: Gold alloy for ratings 1 AMP or less. Fine silver for ratings greater than 1 AMP.

TERMINALS: Brass alloy for ratings up to 10 AMPS @ 250 V AC. Copper alloy for 15 AMPS @ 250 V AC ratings.

MAXIMUM OPERATING FORCE (OZ./GRAMS)	MAXIMUM PRETRAVEL	MAXIMUM DIFFERENTIAL TRAVEL	MINIMUM OVERTRAVEL
.60 17	.500 (12,70)	.125 (3,18)	.200 (5,08)

MINIMUM RETURN FORCE (OZ./GRAMS)	MINIMUM RELEASE FORCE (OZ./GRAMS)
.04 1	.11 3

HTS: 8536.50.9065 UPC: 010151544506 CoO: China