MHS Series

Miniature Slide Switches

with aluminum actuator

SPECIFICATIONS

Contact rating: 300 mA at 30 VDC
Initial contact resistance: 20 milliohms max.
Insulation resistance: 100 megohms min. at 500 VDC
Dielectric strength: 500 VAC for 1 minute
Electrical life: 10,000 cycles min.
Operating temperature range: -20°C to +85°C
Solder heat resistance: 260°C max. for 3 seconds
Actuation force: 250 ±150 grams
Solvent washing permissible

FEATURES

- **Miniature compact size.**
- **Wash-through open frame construction.**
- **Positive spring loaded ball detent mechanism.**
- **Epoxy sealed terminals.**

MATERIALS

Contacts & terminals: Silver plated brass
Housing: Tin plated steel
Actuator: Aluminum alloy
Base: Phenolic laminated sheet **Terminal seal:** Epoxy

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

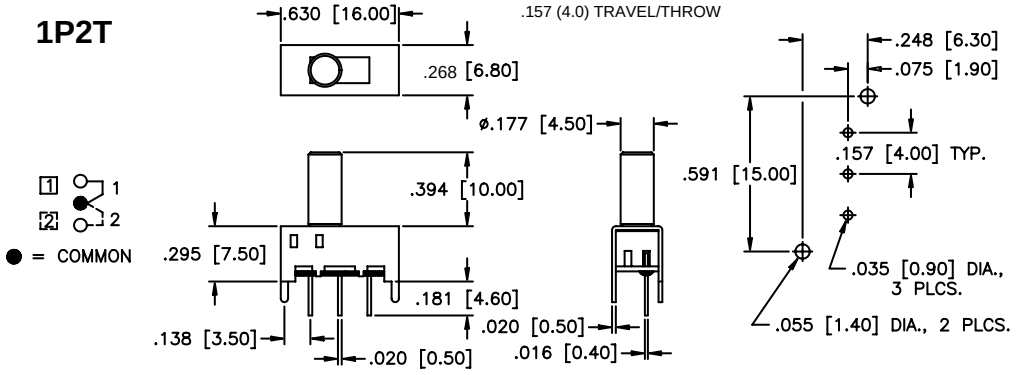
O

MODEL NO.
MHS122K



VERTICAL ACTUATOR

1P2T



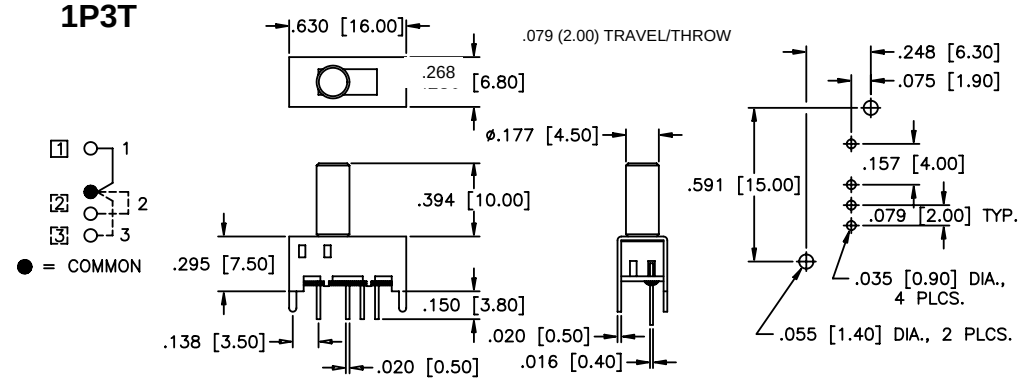
SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

MODEL NO.
MHS133K



VERTICAL ACTUATOR

1P3T



SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

APEM, PO BOX 8288, HAVERHILL, MA USA 01835-0788 TOLL FREE: (877) 246-7890 FAX: (978) 372-3534 E-mail: info@apem.com

MHS Series

Miniature Slide Switches

with aluminum actuator

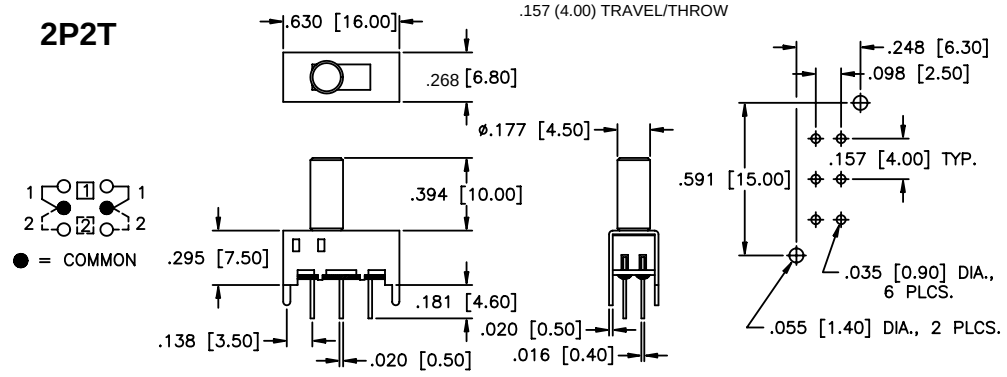
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

O

MODEL NO.	2P2T	.157 (4.00) TRAVEL/THROW
MHS222K		



VERTICAL ACTUATOR

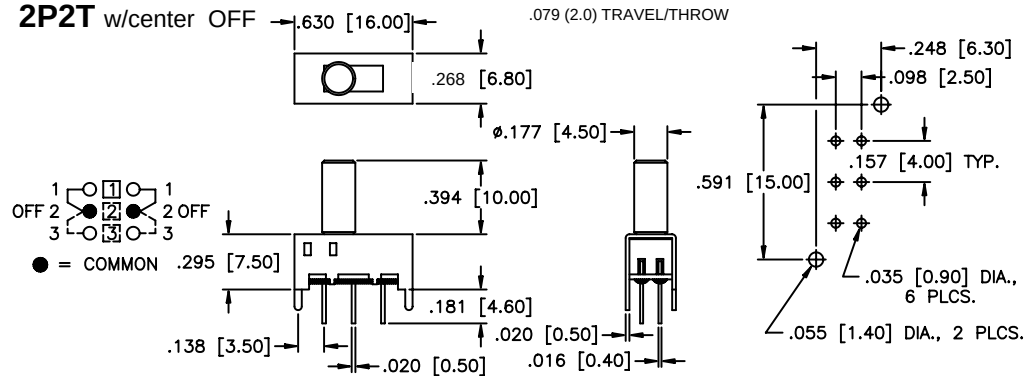


SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

MODEL NO.	2P2T w/center OFF	.079 (2.0) TRAVEL/THROW
MHS223K		



VERTICAL ACTUATOR

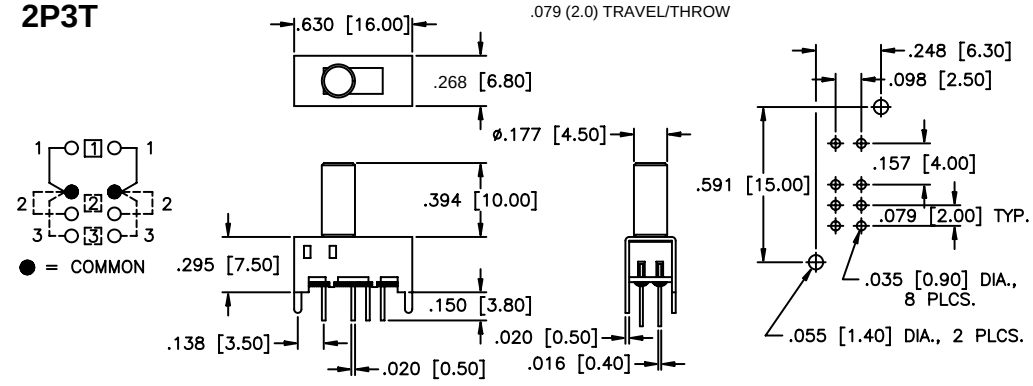


SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

MODEL NO.	2P3T	.079 (2.0) TRAVEL/THROW
MHS233K		



VERTICAL ACTUATOR



SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

New!

MHS Series
Miniature Slide Switches

SPECIFICATIONS

Contact rating: 300 mA at 30 VDC
Initial contact resistance: 20 milliohms max.
Insulation resistance: 100 megohms min. at 500 VDC
Dielectric strength: 500 VAC for 1 minute
Electrical life: 10,000 cycles min.
Operating temperature range: -20°C to +85°C
Solder heat resistance: 260°C max. for 3 seconds
Actuation force: 250 ±150 grams
Solvent washing permissible

FEATURES

- **Miniature compact size.**
- **Wash-through open frame construction.**
- **Positive spring loaded ball detent mechanism.**
- **Epoxy sealed terminals.**

MATERIALS

Contacts & terminals: Silver plated brass
Housing: Tin plated steel
Actuator: Polyacetal
Base: Phenolic laminated sheet **Terminal seal:** Epoxy

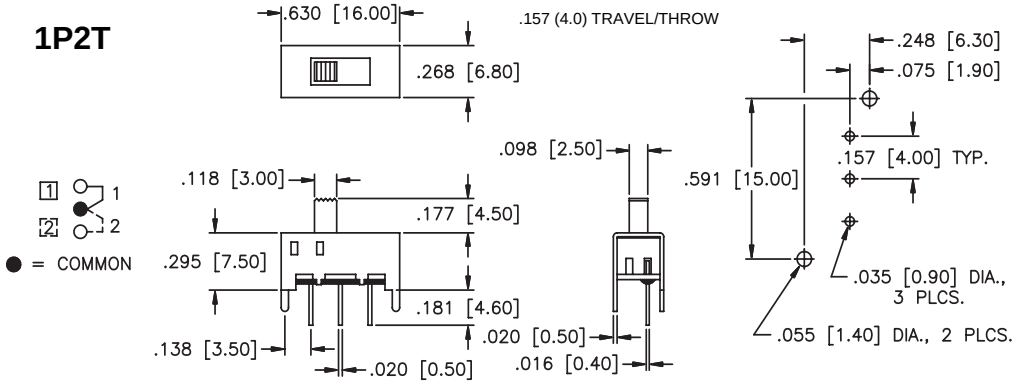
O

MODEL NO.
MHS122



VERTICAL ACTUATOR

1P2T



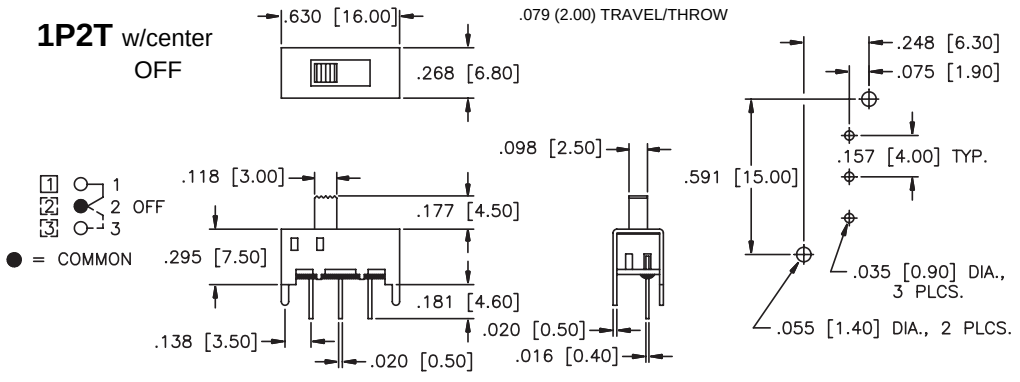
SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

MODEL NO.
MHS123



VERTICAL ACTUATOR

1P2T w/center OFF



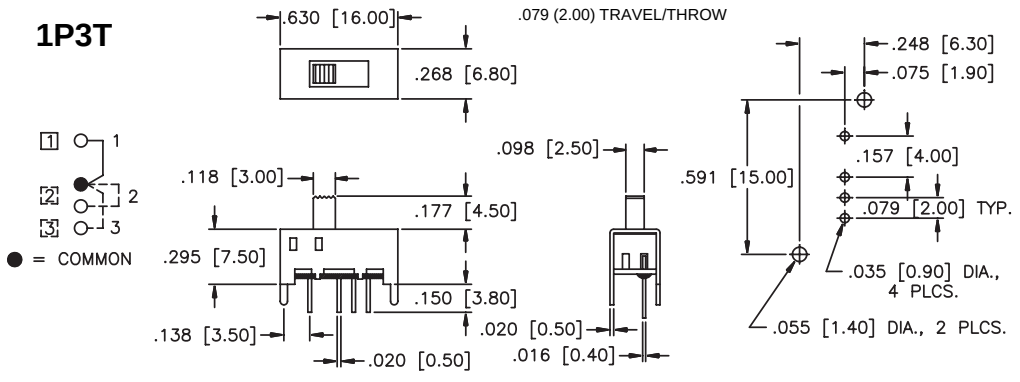
SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

MODEL NO.
MHS133



VERTICAL ACTUATOR

1P3T



SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

APEM, PO BOX 8288, HAVERHILL, MA USA 01835-0788 TOLL FREE: (877) 246-7890 FAX: (978) 372-3534 E-mail: info@apem.com

MHS Series
Miniature Slide Switches

New!

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

O

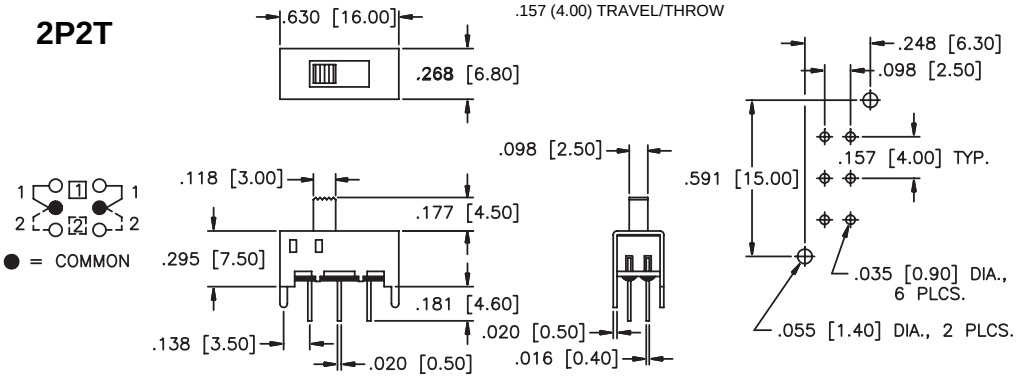
MODEL NO.

MHS222



VERTICAL ACTUATOR

2P2T



SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

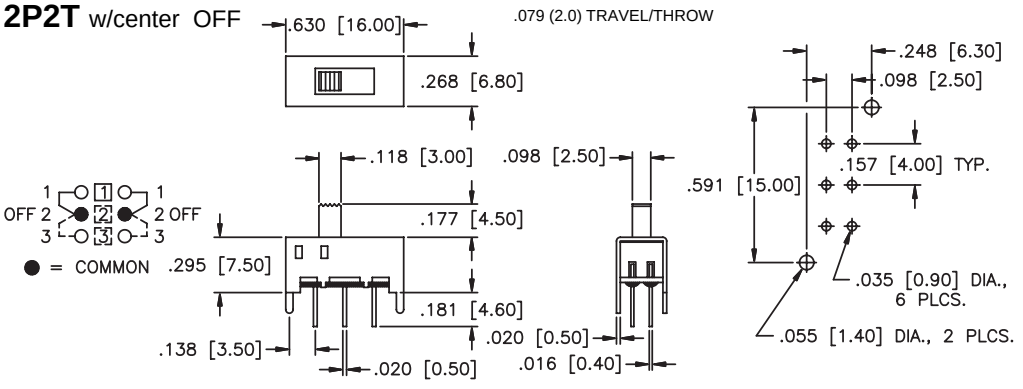
MODEL NO.

MHS223



VERTICAL ACTUATOR

2P2T w/center OFF



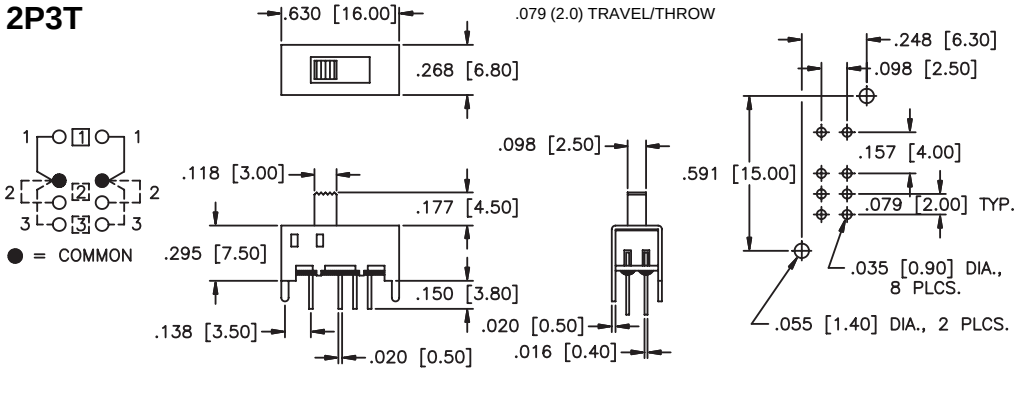
SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

MHS233



VERTICAL ACTUATOR

2P3T



SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT