

PN Series Alternate & Momentary Action Pushbutton Switches



A

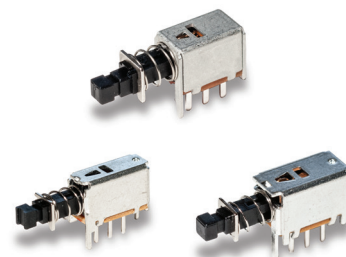
Pushbutton

Features/Benefits

- Momentary or locking action
- Different actuation forces for customized feel
- Low cost, reliable contact design
- Single and double pole options
- RoHS compliant

Typical Applications

- Computers and peripherals
- Instrumentation and measurement equipment
- Non-power, on-off switch applications



Specifications

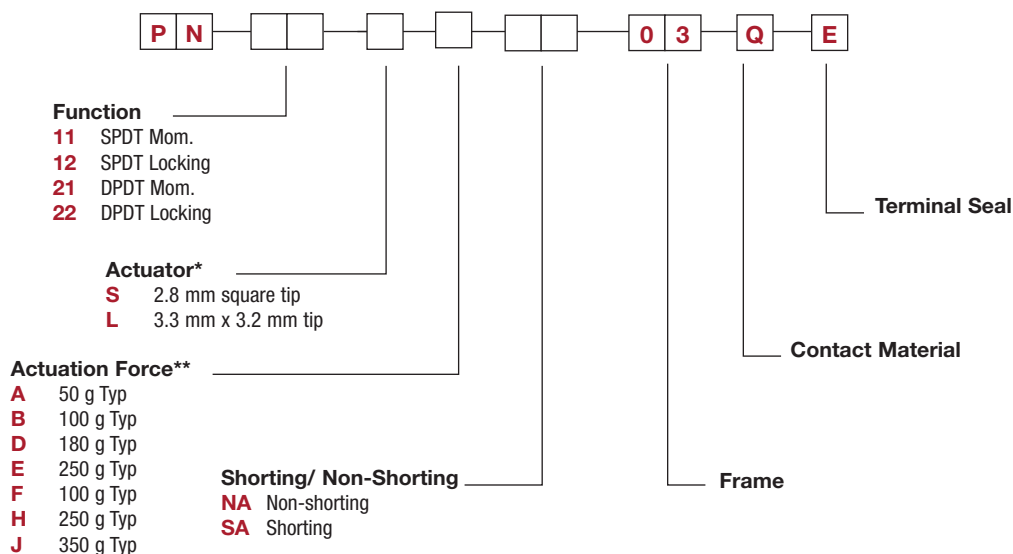
CONTACT RATING: 0.2 AMP @ 30 V DC max.
 ELECTRICAL LIFE: 10,000 make-and-break cycles at full load.
 MECHANICAL LIFE: 10,000 on/off cycles.
 CONTACT RESISTANCE: 30 mΩ max. initial
 INSULATION RESISTANCE: 100 MΩ min.
 DIELECTRIC STRENGTH: 500 V AC min.
 OPERATING/STORAGE TEMPERATURES: -10°C to 60°C.
 PACKAGING: Switches are supplied in anti-static trays.

Materials

FRAME: Tin plated steel.
 ACTUATOR: PA 66 black.
 BASE: Phenolic resin.
 TERMINALS: Silver plated brass.
 MOVABLE CONTACTS: Silver plated phosphor bronze.
 RETURN SPRING: SWC
 DETENT SPRING: Phosphor bronze.
 DETENT SPRING PLATE: Phosphor bronze.
 RETURN SPRING RETAINER RING: Nickel plated steel.
 TERMINAL SEAL: Epoxy.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.



* Note - The switch body style dimensions differ for each of these 3 groupings

“S” actuator available for PN 11 & PN 12 options

“S” actuator available for PN 21 & PN 22 options

“L” actuator available for PN 21 & PN 22 options

** Actuation Force “A” only available with PN11 with “S” actuator

PN 11 & PN 21 available with Actuation Force “B”, “D”, “E”, “F”, “H”, “J”

PN 12 & PN 22 available with Actuation Force “D”, “E”, “H”, “J”

Full travel

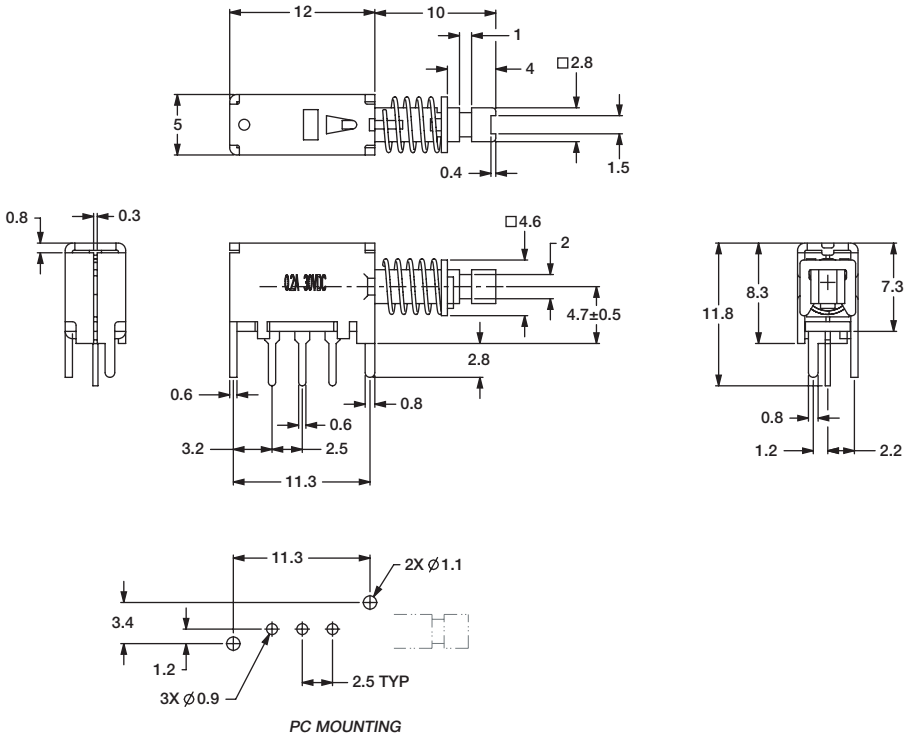




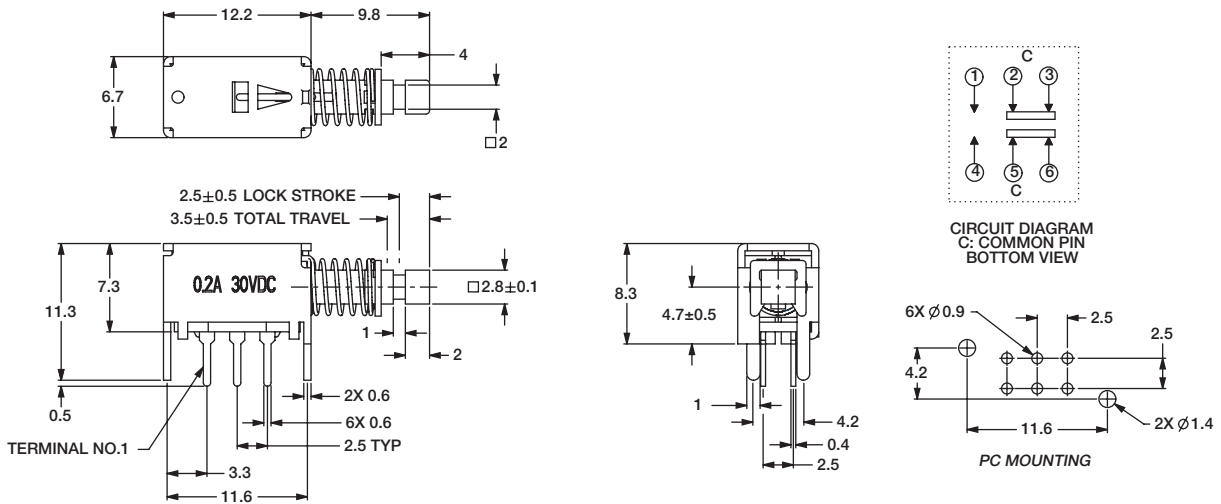
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Pushbutton

PN 11 SPDT Mom.
PN 12 SPDT Locking



PN 21 DPDT Mom. with "S" Actuator
PN 22 DPDT Locking with "S" Actuator



Third Angle
Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

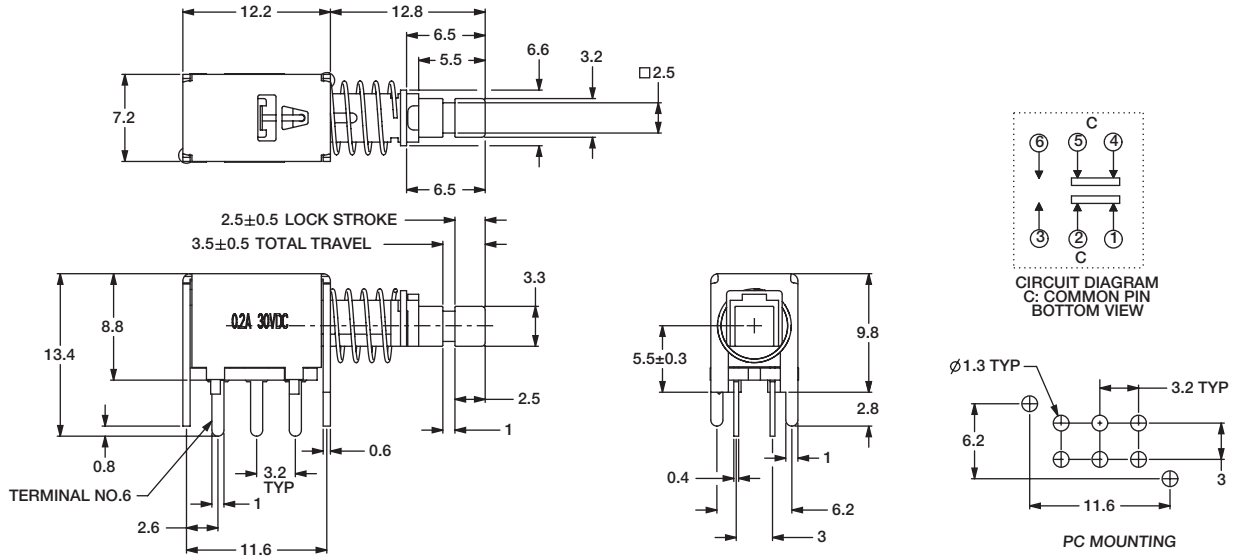


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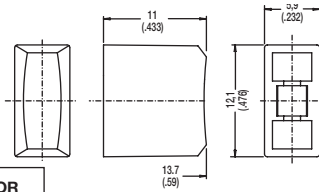
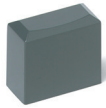
A
Pushbutton

PN 21 DPDT Mom. with "L" Actuator
PN 22 DPDT Locking with "L" Actuator

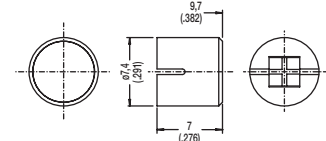


BUTTONS MUST BE ORDERED SEPARATELY. SHIPPED IN BULK.

PE



PV

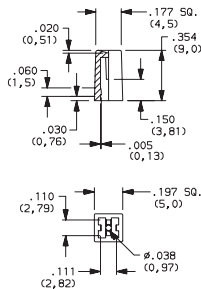
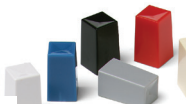


| OPTION CODE | COLOR |
|-------------|-------|
| RD | Red |
| GY | Gray |
| BK | Black |
| WH | White |

PE and PV buttons fit "L" actuators

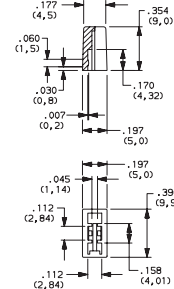
Indexed

- G001A** Black
- G001G** Gray
- G001I** Ivory
- G001R** Red



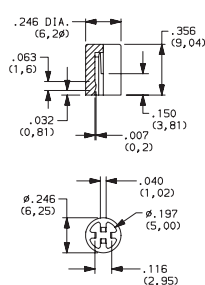
Rectangular

- G002A** Black
- G002G** Gray
- G002I** Ivory
- G002R** Red



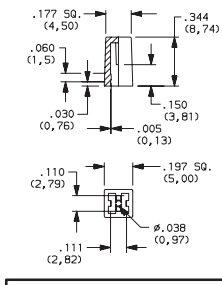
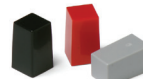
Round

- G003A** Black
- G003G** Gray
- G003I** Ivory
- G003R** Red

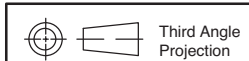


Square

- G004A** Black
- G004G** Gray
- G004I** Ivory
- G004R** Red



G001, G002, G003 and G004 buttons fit "S" actuators



Dimensions are shown: Inches (mm)
 Specifications and dimensions subject to change

Mouser Electronics

Authorized Distributor

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

[C&K Switches:](#)

[PV GY](#) [PV RD](#) [PVG Y](#)