

SPECIFICATIONS

| | |
|-----------------------|--|
| Electrical Ratings | 3A @ 120VAC, 28VDC; 1.5A @ 250VAC See contact options |
| Electrical Life | 30,000 cycles typical |
| Contact Resistance | < 20 mΩ max initial @ 2-4VDC, 100mA |
| Dielectric Strength | 1000Vrms min |
| Insulation Resistance | > 1,000MΩ min |
| Operating Temperature | -40°C to 85°C |
| Storage Temperature | -40°C to 85°C |



Process Sealed
c **UL** US - E222871



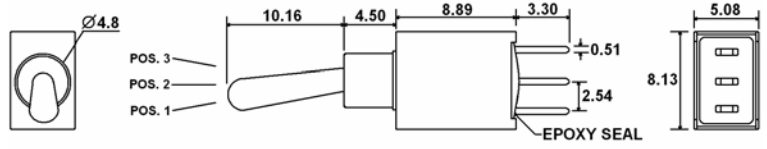



MATERIALS ←RoHS COMPLIANT


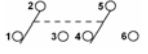
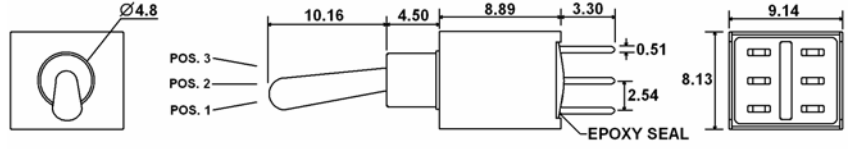



| | |
|-----------------|--|
| Actuator | Brass, Chrome Plated |
| Housing | 4/6 Nylon, Glass Filled, Flame Retardant Heat Stabilized, UL94V-0 |
| Support Bracket | Brass, Tin Plated |
| Contacts | Copper Alloy + Silver or Gold |
| Terminals | Copper Alloy + Silver or Gold |

ORDERING INFORMATION

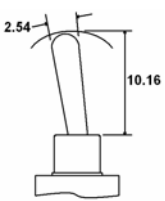
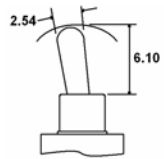
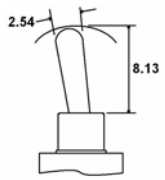
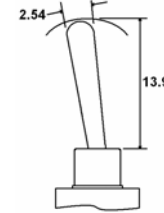
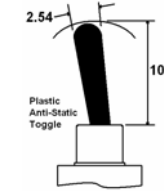
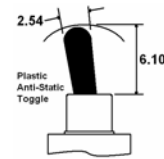
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|---|------------|----------|----------|-----------|----------|----------|----------|
| Series: | BST | 1 | 3 | T2 | N | H | Q |
| Number of Poles: | | | | | | | |
| 1 = SPDT | | | | | | | |
| 2 = DPDT | | | | | | | |
| Switch Function: | | | | | | | |
| 1 = ON-NONE-ON | | | | | | | |
| 2 = ON-NONE-(ON) | | | | | | | |
| 3 = ON-OFF-ON | | | | | | | |
| 4 = (ON)-OFF-(ON) ** Only available in SPDT | | | | | | | |
| 5 = ON-OFF-(ON) ** Only available in SPDT | | | | | | | |
| Actuator: | | | | | | | |
| T1 = 10.46mm, Std | | | | | | | |
| T2 = 6.10mm, Std | | | | | | | |
| T3 = 8.13mm, Std | | | | | | | |
| T4 = 13.97mm, Std | | | | | | | |
| P1 = 10.16mm, Plastic, Anti-Static | | | | | | | |
| P2 = 6.10mm, Plastic, Anti-Static | | | | | | | |
| Bushing: | | | | | | | |
| A = 4.65mm, Non-Threaded ** Only available in SPDT | | | | | | | |
| B = 5.00mm, Non-Threaded ** Only available in SPDT | | | | | | | |
| N = 4.50mm, Non-Threaded ** Only available in DPDT | | | | | | | |
| Terminals: | | | | | | | |
| C = PC Pin | | | | | | | |
| H = Horizontal Mount, Right Angle PC Pin; HS = Snap-in | | | | | | | |
| V = Vertical Mount, Right Angle PC Pin; VS = Snap-in | | | | | | | |
| A5 = PC Pin with Support Bracket; A5S = Snap-in Support Bracket | | | | | | | |
| Contacts: | | | | | | | |
| Q = Silver Plated | | | | | | | |
| R = Gold Plated | | | | | | | |
| G = Gold over Silver Plated | | | | | | | |

SWITCH FUNCTION

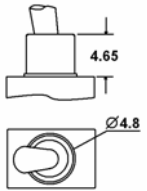
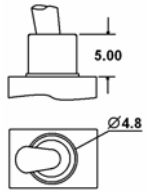
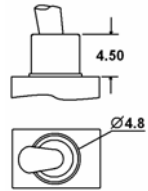
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|---|--|---|---|---|--|
|  SPDT  | Function 1 2 3 4 5 Terminals | Toggle Position | | |  |
| | |  |  |  | |
| | | ON | NONE | ON | |
| | | ON | NONE (ON) | (ON) | |
| | | ON | OFF | ON | |
| (ON) | OFF | (ON) | | | |
| ON | OFF | (ON) | | | |
| 2-3 | --- | 2-1 | | | |

| | | | | | |
|---|--|---|---|---|--|
|  DPDT  | Function 1 2 3 Terminals | Toggle Position | | |  |
| | |  |  |  | |
| | | ON | NONE | ON | |
| | | ON | NONE (ON) | (ON) | |
| | | ON | OFF | ON | |
| 2-3 | --- | 2-1 | | | |

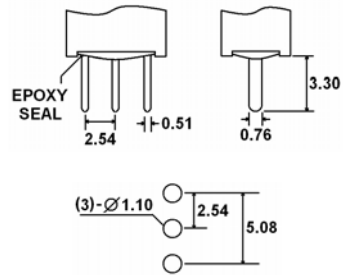
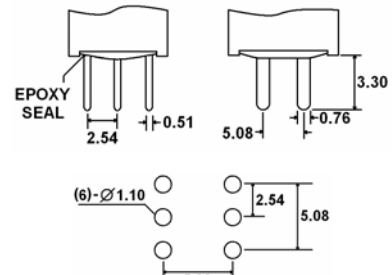
ACTUATOR OPTIONS

| | | | | | |
|---|---|---|---|---|---|
|  T1 |  T2 |  T3 |  T4 |  P1 |  P2 |
|---|---|---|---|---|---|

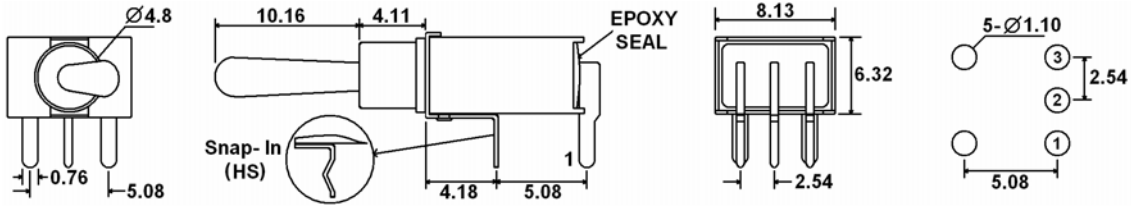
BUSHING OPTIONS

| | | |
|---|---|---|
|  A |  B |  N |
|---|---|---|

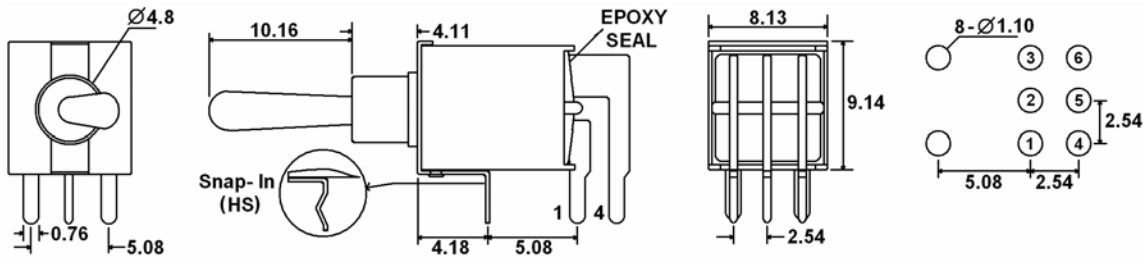
TERMINAL OPTIONS

| | |
|--|---|
|  C - SPDT |  C - DPDT |
|--|---|

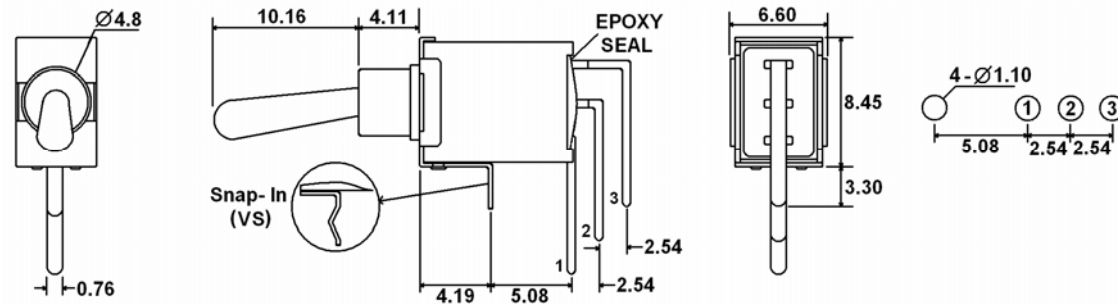
TERMINAL OPTIONS



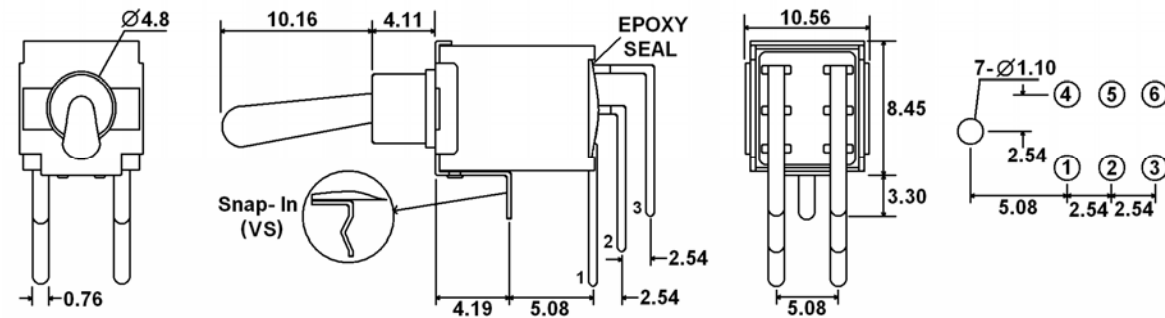
H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (SPDT)



H (HS – Snap-in) = Horizontal Mount, Right Angle PC Pins (DPDT)

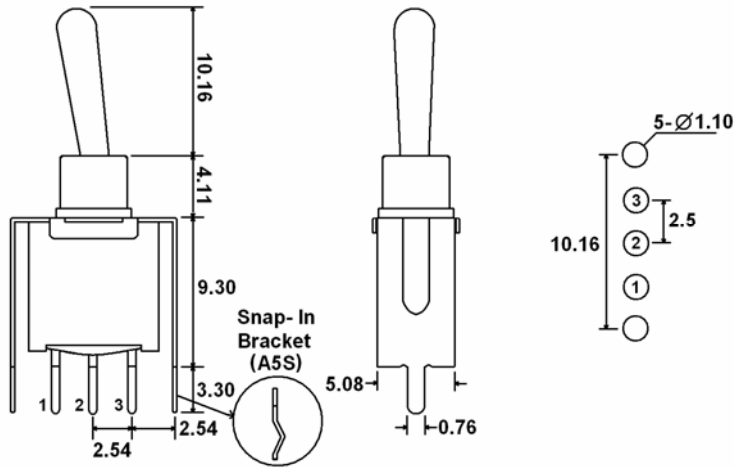


V (VS – Snap-in) = Vertical Mount, Right Angle PC Pins (SPDT)

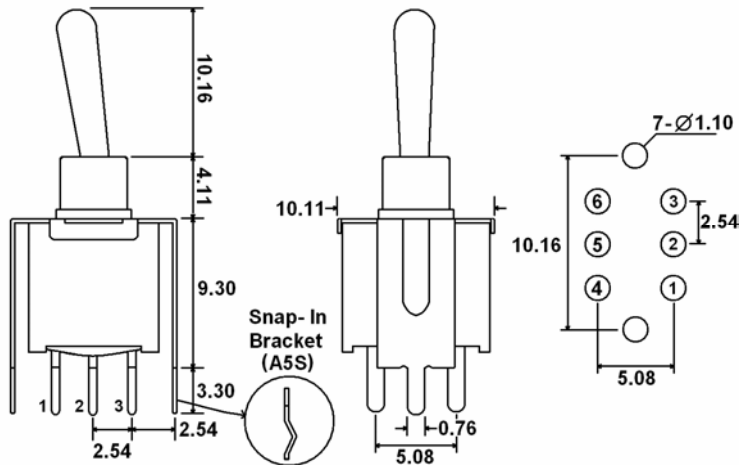


V (VS – Snap-in) = Vertical Mount, Right Angle PC Pins (DPDT)

TERMINAL OPTIONS



A5 (A5S – Snap-in Bracket) = PC Pins with Support Bracket (SPDT)



A5 (A5S – Snap-in Bracket) = PC Pins with Support Bracket (DPDT)

CONTACT OPTIONS

| Designator | Contact Material | Terminal Material | Electrical Ratings |
|------------|--------------------------|--------------------------|--|
| Q | Silver Plating | Silver Plating | 3A @ 120VAC, 28VDC; 1.5A @ 250VAC |
| R | Gold over Nickel Plating | Gold over Nickel Plating | .4 VA max @ 20VAC or VDC max |
| G | Gold over Silver Plating | Gold over Silver Plating | .4 VA max @ 20VAC or VDC max or 3A @ 120VAC, 28VDC; 1.5A @ 250VAC |