

PUSH SWITCH

BTPS SERIES

10mm diameter Momentary push switch comply with MIL-S-3786C and MIL-STD810C specification

NEW



Features

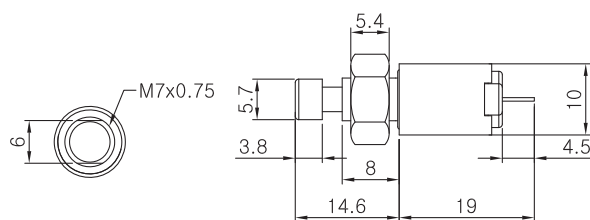
- Military qualified version
- 3 W electric power rating
- Momentary function with single contact (Push-on)
- 25 mm push stroke
- Tactile feeling of switching operation
- Dust, water proof and washable construction
- Available for Solder or PCB Terminal
- Operating Temp : -40 ~ +71°C
- Storage Temp : -55 ~ +85°C

Applications

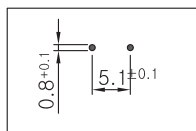
- For all kinds of electric and electronic equipments, specially for military equipments such as wireless transceiver and communication equipments under MIL spec. condition.

Standard Dimensions

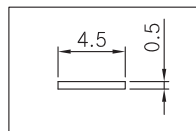
BTPS10P-3M-□



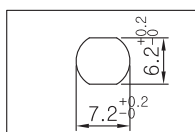
PCB Mounting Hole



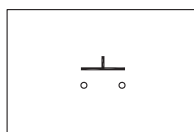
Terminal Detail



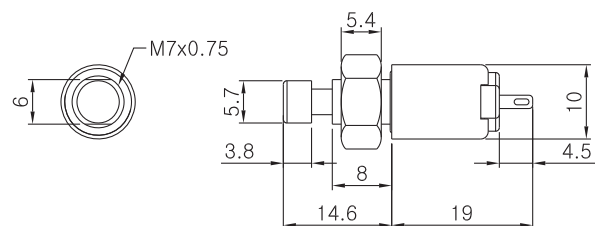
Chassis Mounting Hole



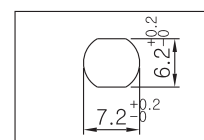
Contact



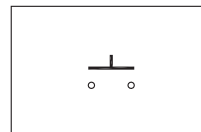
BTPS10S-3M-□



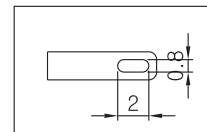
Terminal Detail



Contact



Chassis Mounting Hole



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Electrical specifications

- Electrical power Rating : 3 VA / W Max.
- Switching voltage : 36 V Max
- Switching current : 100 mA Max
- Contact resistance(Initial) : $\leq 100\text{m ohms}$
- Withstanding voltage : AC 1,000V, 1 Min.
- Insulation resistance : Over 100 Giga ohms at 1KV AC
- Capacitance between 2 contacts : $\leq 2\text{ pF}$

Mechanical specifications

- Switch life : 20,000 cycles with load
- Switching mode : Momentary function with single contact
- Operating stroke : $2,5 \pm 0,5\text{ mm}$
- Operating torque : 7 – 12 N cm
- Fastening torque : 20 Ncm Max.
- Vibratory strength : 10g, 11ms
- Shock strength : 50g, 11ms
- Dust protection : Comply with MIL-S-8805 / 96B
- Water proofing : Up to 0.2 bar on the front panel and shaft seal
- Soldering temperature max. : 5s at 280°C or 3s at 350°C (Hand Solder)

Suggested Ordering Code

