

ROTARY SWITCH

BTMR14 SERIES (Complete Sealing)

14mm diameter Rotary switch

NEW



Features

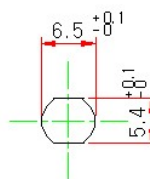
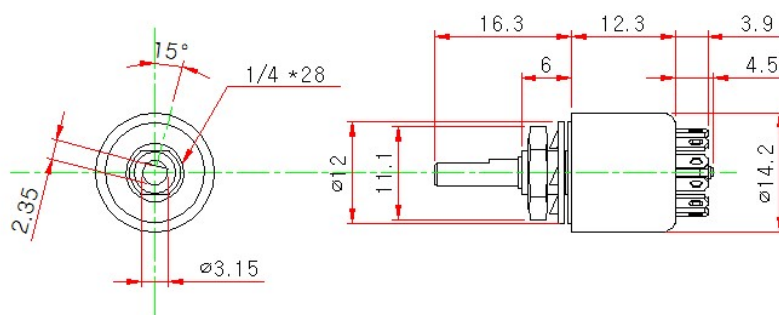
- Military qualified version
- Choice of 30° / 22.5° angles of throw
- Up to 4 Poles on 1 Deck
- Up to 12 / 16 positions per Switch
- Switching mode : Non-shorting and Shorting
- Gold plated contacts and terminals
- IP68 front panel sealing
- Operating Temp : - 40 ~ +85 °C

Applications

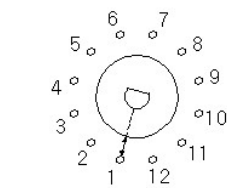
- For all kinds of electric and electronic equipments, specially for military and industrial equipments such as wireless transceiver and communication equipments under MIL-spec condition.
- Frequency and channel selection
- Industrial automation

Standard Dimensions

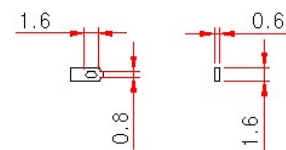
BTMR14S-30N-112-F16.3



< Chassis Mounting Hole >



< Circuit diagram >



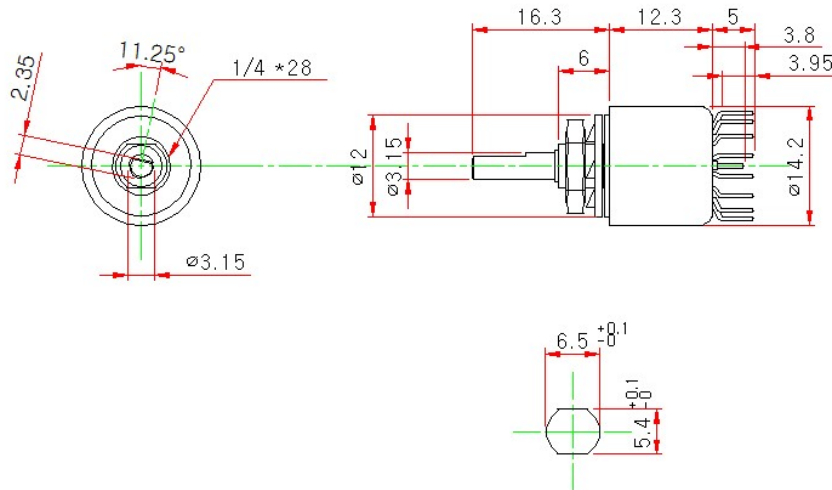
< Solder Terminal Detail >

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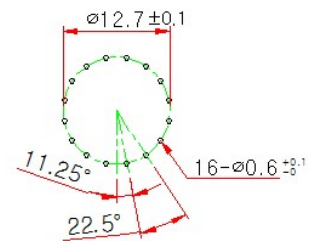
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Standard Dimensions

BTMR14P-22.5N-116-F16.3



< Circuit diagram >

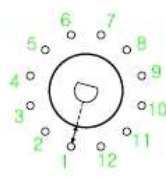


< Chassis Mounting Hole >

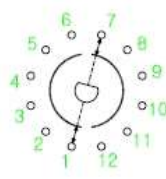
< PCB Mounting >

Circuit Diagram

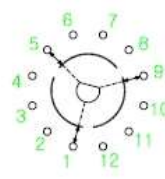
BTMR14S-□□-■□-□□



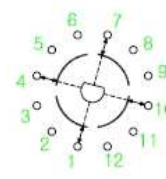
1P 12T



2P 6T

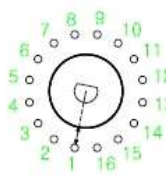


3P 4T

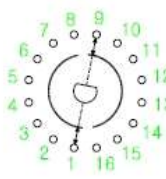


4P 3T

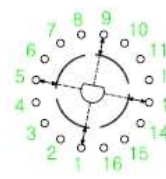
BTMR14P-□□-■□-□□



1P 16T



2P 8T



4P 4T

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Electrical specifications

- Electrical Power Rating : 200mA, 28 Vdc resistive
75mA, 220 Vac lamp load
- Switching mode : Non-shorting / Shorting
- Contact resistance (Initial) : 20m Ohms max.
- Insulation resistance : Over 1G Ohms min. @ 500V DC
- Withstanding voltage : 1 min. @ 500V DC
- Electrical circuit : 1P 12T (solder type) / 1P 16T (PCB type)

Mechanical specifications

- Switch life expectancy : 25,000 cycles
- Operating torque : 700 ~ 1,000 gf·cm (± 25%)
- Stop strength : 6 Kgf·cm Max.
- IP sealing : IP60, optional IP68 (2 bar, 1h) shaft/front panel sealing, Washable(sealed contact system)
- Operating Temperature : - 40 ~ + 85 °C

Soldering condition

- Hand Soldering : 280 °C Max. During 2 sec Max.
- Wave Soldering : 280 °C Max. Peak temperature During 2 sec Max.

Suggested Ordering Code

