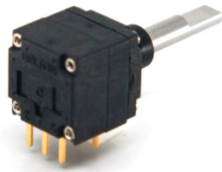


# CODE SWITCH

## BTCS10 SERIES (Compact size)

### 10mm diameter code switch (Compact size)

NEW



#### Features

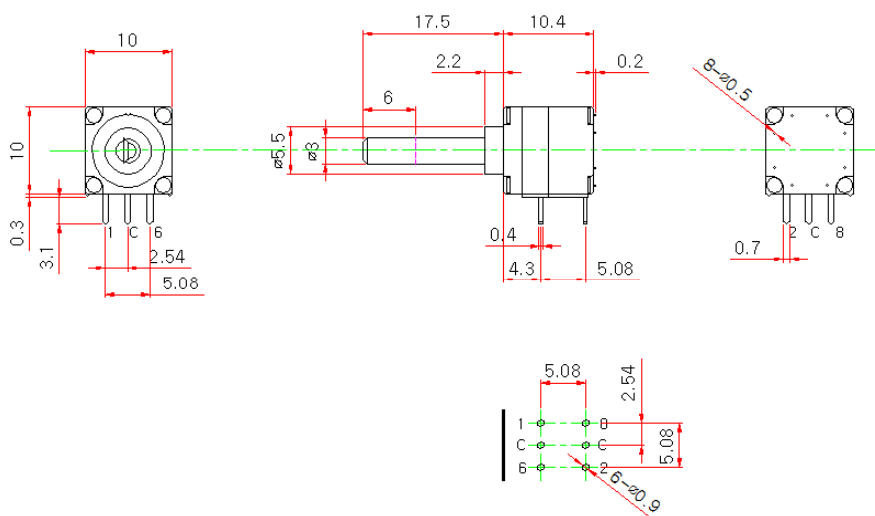
- Military qualified version
- 16 positions : Binary, and etc.
- Switching mode : Non-shorting and Shorting
- Gold plated contacts and terminals
- IP68 front panel sealing
- Operating Temp : - 40 ~ +85 °C

#### 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 for two way radios
- Medical equipments
- Industrial automation

#### Standard Dimensions

BTCS10H-116-F17.5-1



< Mounting Hole >

ANALOG & DIGITAL  
REVERSATION UNIT

ROTARY SWITCH &  
ROTARY DIGITAL CODE SWITCH &  
PUSH BUTTON SWITCH

OPTICAL & MECH.  
ENCODER SWITCH

MILITARY / INDUSTRIAL  
SWITCH

VACUUM TUBE SOCKET &  
TUBE SHIELD

POWER ENTRY  
MODULE

JACK & XLR  
SOCKET

# CODE SWITCH

## BTCS10 SERIES (Compact size)

### Electrical specifications

- Coding / output : Binary, and etc.
- Switching mode : Non-shorting / Shorting
- Electrical Power Rating : 10mA 15V DC max.
- Contact resistance (Initial) : 50m Ohms max.
- Insulation resistance : Over 1G Ohms min. @ 500V DC
- Withstanding voltage : 1 min. @ 500V DC
- Max. switching / breaking capacity : 5VA
- Switching current : 0.2A (resistive load) max.
- Switching voltage : 42V (resistive load) max.

### Mechanical specifications

- Resolution : 16 positions of Binary (22.5°)
- Switch life : 10,000 cycles min.
- Operating torque : 150 ~ 300 gf·cm (± 25%)
- Stop strength : 2 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

