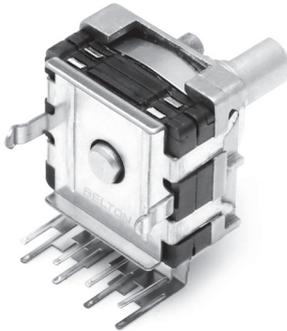


# ROTARY SWITCH

## BTDS20V SERIES DIGITAL SWITCHES

### Rotary type digital code switch for vertical mount



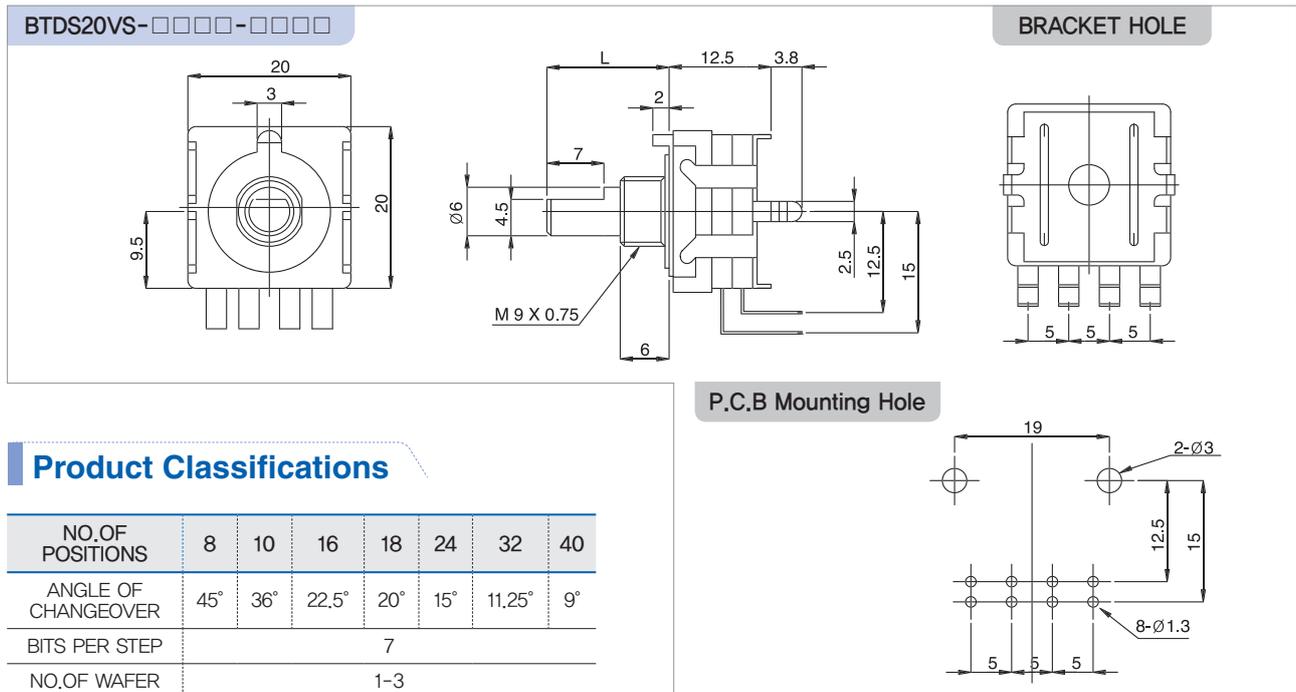
#### Features

- Clear detent operation with perfect contact
- 8 to 40 detent codes are available
- Suitable design for guitar amp, and audio mixer

#### Applications

- For all kinds of digital program switches and C,B transceiver

#### Standard Dimensions



#### Product Classifications

NO.OF POSITIONS	8	10	16	18	24	32	40
ANGLE OF CHANGEOVER	45°	36°	22.5°	20°	15°	11.25°	9°
BITS PER STEP	7						
NO.OF WAFER	1-3						
CODE	BINARY, BCD, GRAY						
SHAFT SHAPE	18 SERRATION, R AND FLATE						

#### Electrical specifications

- Electrical Rating : 0.1A, 16V DC
- Contact Resistance : 1 mohms(max)
- Insulation Resistance : 100 Mohms, 500V DC
- Withstanding Voltage : 1Min. at 500V AC
- Circuits : Refer to the next page

#### Mechanical specifications

- Electrical life : 10,000 cycles min
- Terminal strength : 250gf · cm for 1min
- Solderability : 230±5°C, 3sec
- Changeover angle : Refer to the Product Classification table

#### Rotational Torques

- Single shaft : 700±300gf · cm
- Dual shaft : 700±300gf · cm
- Rotational torque can be changeable by option

