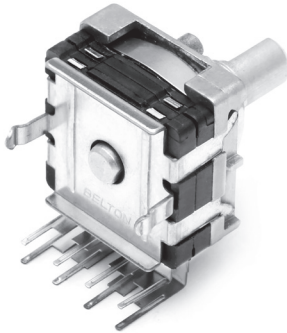


ROTARY SWITCH

BTDS20V SERIES DIGITAL SWITCHES

Rotary type digital code switch for vertical mount



Features

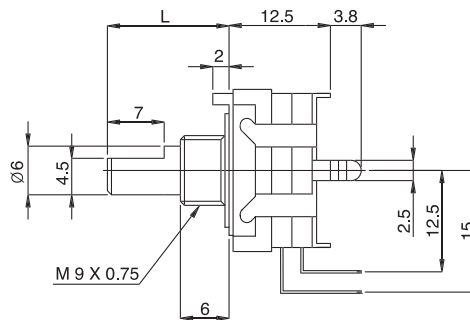
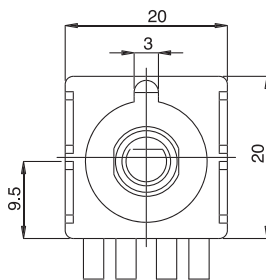
- Clear detent operation with perfect contact
- 8 to 40 detent codes are available
- Suitable design for guitar amp, and audio mixer

Applications

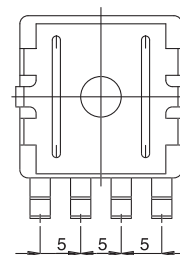
- For all kinds of digital program switches and C,B transceiver

Standard Dimensions

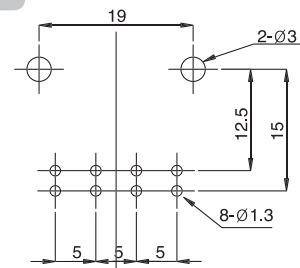
BTDS20VS-□□□□-□□□□



BRACKET HOLE



P.C.B Mounting Hole



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

ROTARY SWITCH

BTDS20V SERIES DIGITAL SWITCHES

Suggested Ordering Code

BTDS20H										1	0	8	.	R	2	0	.	1	*							
Series										Shaft length																
Number of wafer										Shaft length																
Number of section										1 section	2 section	3 section	15 20 25 30													
Code										1	2	3	Code 15 20 25 30													
Number of Stopper or positions										Shaft style																
Number of Stopper or positions										8	10	12	16	18	24	32	40	18-tooth serration shaft			Round shaft with groove			Flat shaft,		
Code										08	10	12	16	18	24	32	40	Code S			R			F		
*Output code																										
Output code										Binary (Positive)			Binary(Complementary)			BCD(Positive)			BCD(Complementary)			Gray		CTS		
Code										1			2			3			4			5		6		