ROTARY SWITCH

BELTON

(BTSR10H SERIES)

CAT. NO.:BTSR10H-1

Miniaturized rotary switch with multi-functions

Features

- Designed for P.C. Board mounting version
- Miniaturized size(12mm:height × 10mm:width)
- 6.5 mm mounting height from shaft-center to P.C.Board

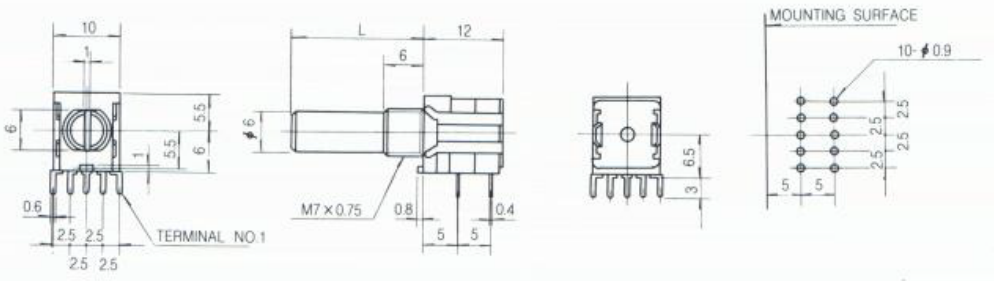
Applications

- Applicable to the wide-ranged products such as car-audio, transceiver and communication equipments

Standard Dimensions

BTSR10H-□□□-□□□

PCB mounting hole



Unit:mm

Product Classifications

Shaft structure \ Product		Rotary switch	Pulse switch
Single shaft		○	○
Dual shaft	1 section rotary switch with out-shaft	○	○
	2 sections rotary switch with out-shaft	○	○
	1 section pulse switch with out-shaft	—	○

Electrical specifications

- Electrical Rating : 0.1A, 16V DC
- Contact Resistance : 50m ohms(initial)
- Insulation Resistance : 100 Meg ohms, 500V DC
- Withstanding Voltage : 1Min. at 500V AC
- Circuits: Refer to the next page

Mechanical specifications

- Electrical life : 10,000 cycles min
- Terminal strength : 500 gf · cm for 1 min
- Solderability : 230 ± 5°C, 3 sec
- Contact timing : shorting and non-shorting

Rotational Torques

- Rotary switch : 500 ± 200 gf·cm
- Pulse switch : 150 ± 70 gf·cm
- Combination : rotary+pulse : same as each specification type
  : pulse+pulse : 150 ± 70 gf·cm