



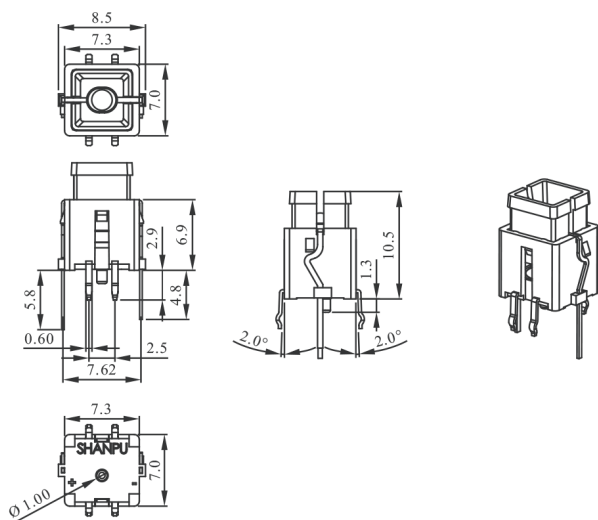
## Specifications

Current Rating	: 50mA
Voltage Rating	: 12V DC
DielectricWithstanding Voltage	: 250V AC for 1 minute
Contact Resistance	: 100mΩ Max.(initial)
Insulation Resistance	: 100MΩ Min.
Operating Force	: 230gf ± 50gf (Tactile) / 60gf ± 10gf(Noiseless)
Total Travel (Tactile)	: 0.3mm ± 0.1mm
Total Travel (Noiseless)	: 1.0mm ± 0.3mm
Operating Life	: 1,000,000 cycles Min.
Solder Specifications	: 260° for 3 seconds
Function	: Momentary (SPST)
Operating Temperature	: -10°C to +60°C

## Materials

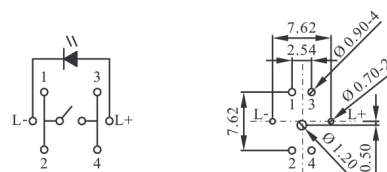
Cap	: Polycarbonate (PC)
Base	: Polyamide (PA)
Reflector	: Polyoxymethylene (POM)
Switch Terminal	: Brass with gold plating
Action Dome	: Stainless steel with Silver plating (Tactile) Phosphor Bronze with Gold Plating (Noiseless)
Sealing rubber	: Silicone

## Dimensions:



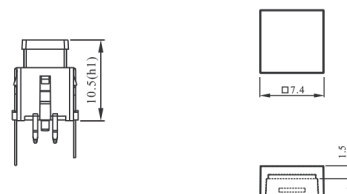
Dimensions : Millimeters

## PCB layout & Circuit Diagram



## Contact Configuration

## PCB Mounting



## Part Number Table

Description	Colour (LED)	Part Number
Switch, Tact, Noiseless	Without LED	MCSPHN0-YCA043T
Switch, Tact Illum, Noiseless	Red	MCSPHN1-YCA043T
Switch, Tact Illum, Noiseless	Yellow	MCSPHN2-YCA043T
Switch, Tact Illum, Noiseless	Green	MCSPHN3-YCA043T
Switch, Tact Illum, Noiseless	White	MCSPHN4-YCA043T
Switch, Tact Illum, Noiseless	Blue	MCSPHN7-YCA043T
Switch, Tact, Vertical	Without LED	MCSPHT0-YCA043T
Switch, Tact Illum, Vertical	Red	MCSPHT1-YCA043T
Switch, Tact Illum, Vertical	Yellow	MCSPHT2-YCA043T
Switch, Tact Illum, Vertical	Green	MCSPHT3-YCA043T
Switch, Tact Illum, Vertical	White	MCSPHT4-YCA043T
Switch, Tact Illum, Vertical	Blue	MCSPHT7-YCA043T

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