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SMT TP SERIES



Single pole pushbutton switches designed for surface mount, with tape and reel packaging. Reflow solderable and washable, ESD protected up to 10KV, available with or without positioning pins.

MAIN FEATURES

- Entirely designed for surface mount
- Tape and reel packaging
- Reflow solderable
- High temperature plastic materials
- Tin plated ground plate
- Terminal coating : tin alloy over nickel plating
- Terminals turned to the outside, preventing the shadow effect in infrared soldering and permitting visual inspection of solder joints
- Distance between case and circuit : 0,55 mm (.021)
- End stackable with 10,16 mm (.40) pitch
- Available with positioning pins to ensure switch orientation during the reflow process and increasing switch mechanical resistance
- Protected against electrostatic discharges (ESD) up to 10 KV
- Washable Construction withstands cleaning processes, including hot water under pressure

 REQUEST FORM

0820 20 30 10

 Monday – Friday 9am to 5pm
 - Central European Time

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 3D FILE

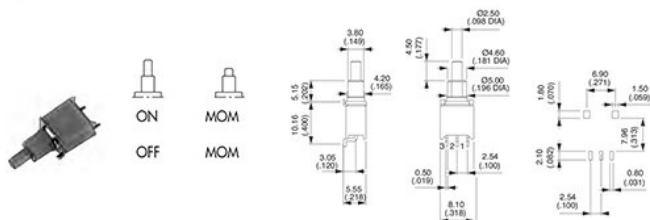
 DATASHEET

 PRESENTATION

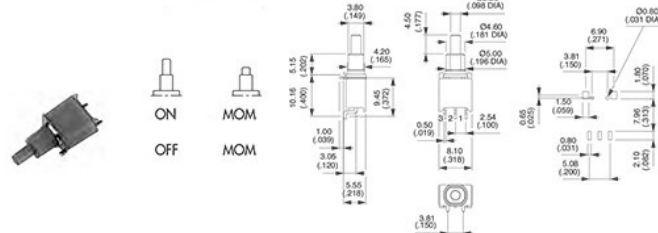

360°

MORE INFO

ERGONOMICS 1



ERGONOMICS 2



FEATURES

GENERAL SPECIFICATION

- Actuator travel : function 2 : 1 mm (.039) - function 3 : 0.8 mm (.031)
- Reflow soldering : infrared, vapor phase or infrared convection
- Washable per IEA-RS448-2 :
- water + detergent - preferred

ENVIRONMENTAL SPECIFICATIONS

- Operating temperature : -40 °C to +85 °C
- Moisture resistance : 21days per IEC 512-6 test 11c
- Vibration resistance : 10-500 Hz / 10 g per IEC 512-4 test 6d
- Shock resistance : 50 g per IEC 512-4 test 6c

ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load : 0,4 VA 20 V max. AC or DC
- Minimum load : 10 mA 50 mV or 10 µA 5 VDC
- Initial contact resistance : 50 mΩ max
- Insulation resistance : 1,000 MΩ min. at 500 VDC


 Callback request

- solvents

- Dielectric strength :
1,000 Vrms. 50 Hz min. between terminals and frame
- 500 Vrms. 50 Hz min. between terminals
- Electrical life at full load : 60,000 cycles
- Static resistance : 10 KV (Schaffner equipment)

MATERIALS

- Case : high temperature plastic material
UL94-V0
- Actuator : high temperature plastic material
UL94-V0
- Ground plate and positioning pins : steel, tin plated
- Contacts : brass, gold plated
- Terminals : brass, with pure tin plating over nickel barrier



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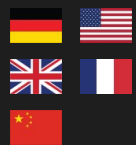
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