BIWIN / Sab[®]

TR8 series — Short-travel keyswitches

Product Description

TR series offers extremely high switching reliability with the need of very little space. They can be arranged as single keys, in rows or key blocks.

When arranged under an overlay, TR keyswitches should be combined with plungers.

The features at a glance

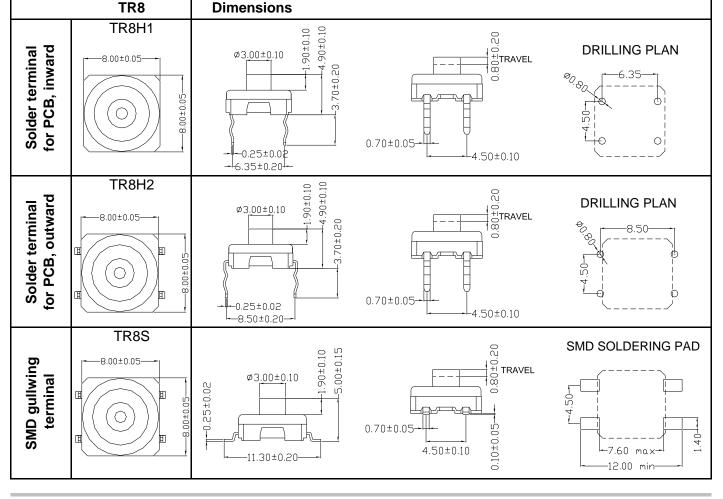
- Suitable for most common soldering methods:
 - Wave soldering bath for print versions
 - Reflow soldering (SMD)
 - Manual soldering
- 5,000,000 operations
- Actuation Force: 250gf, 350gf and 600gf

Specifications

Contact rating Contact resistance Insulation resistance Dielectric strength Operating temperature Resistance to constant environment Resistance at variable environment Mechanical life Solderability / Solder heat resistance PCB version Solderability / Solder heat resistance SMD version Flammability of materials Water proofing Actuation force Mounting 42V AC/DC, 100mA 100mΩ max.(Initial) 100MΩ bei 100V DC 250V DC, 50 Hz for the duration of 1 minute -40°C to + 80°C according to IEC 600 68-2-3 and 2-30 according to IEC 600 68-2-14 and 2-33 5,000,000 operations IEC 600 68-2-20 EN 61760-1 and DIN IEC 600-68-2-58 UL 94 HB IP67 3.5N +/- 0.6N(Standard) according to IEC and OMD target

on PC-board THT and SMD type

NEW









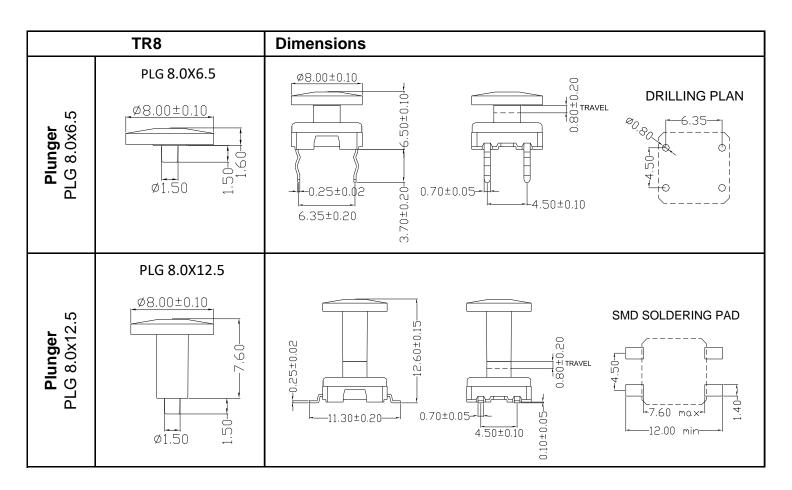
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ΓR8 series — Short-travel keyswitches

NEW RoHS Compliant

Switch + Plunger





Order information



| <u>Mounting</u> H1: Thru-hole(inward) H2: Thru-hole(outward)

H1

S:SMD

3

Actuation Force 2: 250gf/ 2.5N 3: 350gf/ 3.5N (standard) 6: 650gf/ 6.5N



Packing None: Tube R: Tape & Reel

R

None: RoHS & REACH compliant (standard) U: Halogen Free

Plunger codes

PLG 8.0x6.5mm PLG 8.0x7.0mm PLG 8.0x12.5mm