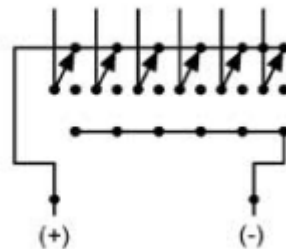




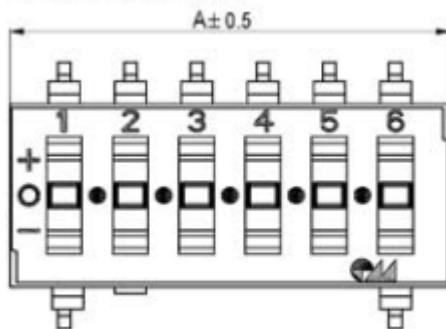
- 2.54 mm pitch
- 3.6 mm height
- 3 positions per pole (+ | 0 | -)
- Gold plated contacts
- Raised or low actuators available
- Available with tape for automated assembly
- Reflow soldering

On these Tri-State-Switches the pins of the back row can be switched from home position (0) to the left (+) or right (-) front row pin. That gives you three positions per pole. The benefit of three positions per pole is when it comes to devices with limited space and higher numbers of codes are needed, tri-state switches will offer 3^n different codes in the same space where a standard DIP-Switch will only have 2^n codes.

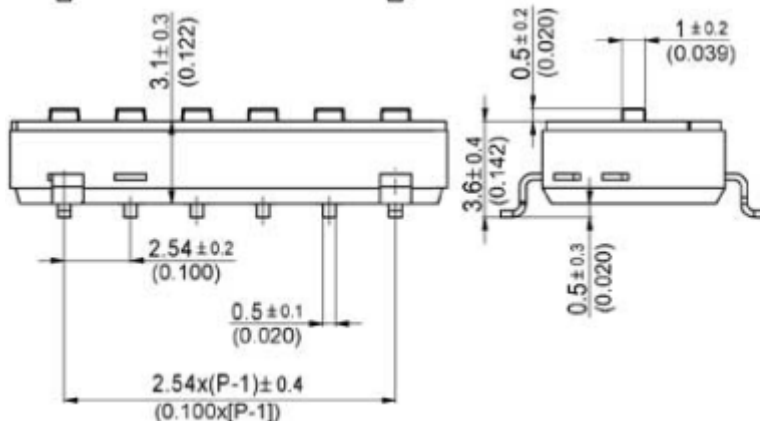
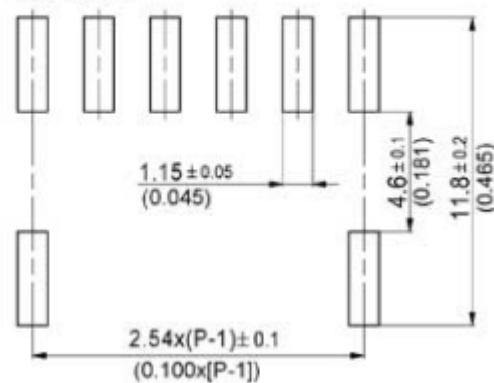
Schaltbild
Circuit diagram



Einheit / Unit: mm (inch)



Leiterplatten - PCB - Layout
(Top view)



Mechanical Data**Electrical Data****Material**

Fixation mode	SMT
Type	horizontal
Switching positions	3
Pitch of solderpins	2.54 mm
Switching mode	Contact wiping on make and break
Contact form	Tri-State (1 Z 0)
Mechanical lifetime	2.000 operations
Operating force	8.0 N
Operating temperature	-40 °C ... +85 °C
Storage temperature	-40 °C ... +85 °C
Humidity	95 %RH, 40 °C, 96 h
Reflow soldering	JDEC J-STD-020 E

Mechanical Data**Electrical Data****Material**

Switching voltage	24.0 V
Operating current max.	25.0 mA
Standby current	100.0 mA
Test voltage	500.0 VDC min. / 60.0 s
Contact resistance initial	50.0 mΩ
Contact resistance after life test	100.0 mΩ
Capacity between adjacent switches	5.0 pF max.

Mechanical Data**Electrical Data****Material**

Housing	UL 94V-0
Solder pins	tin plated
Contact plating	gold plated