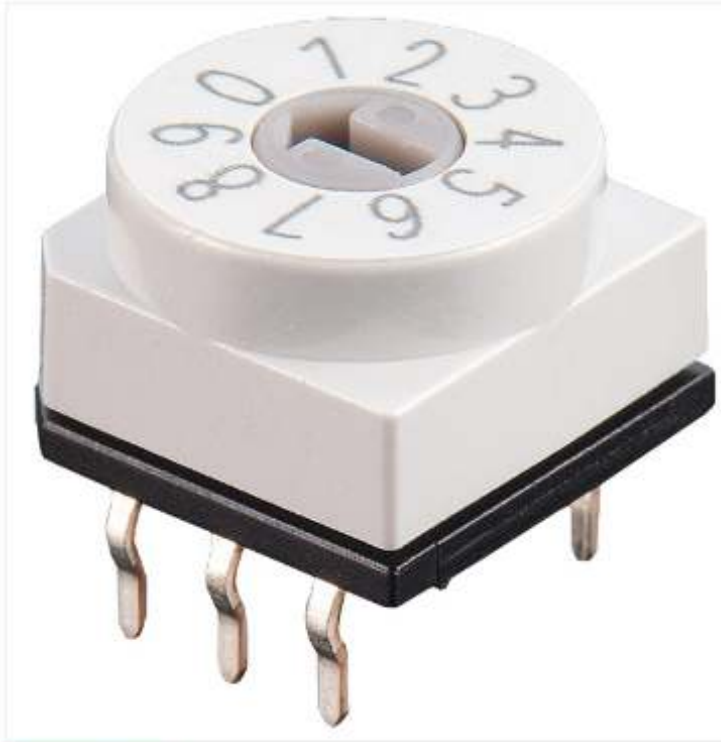
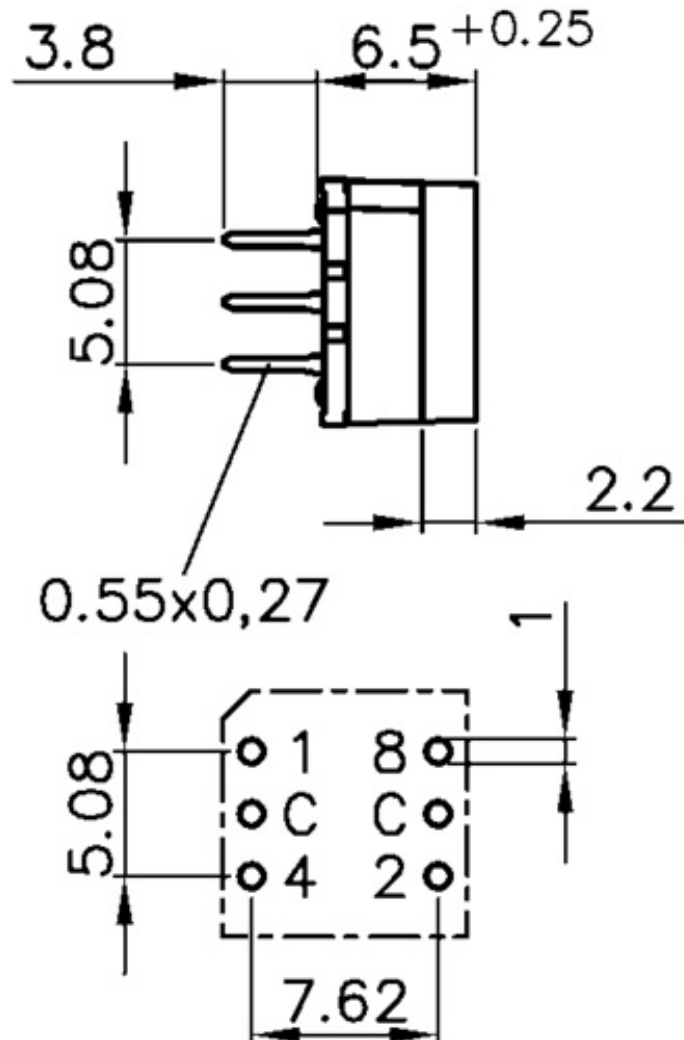
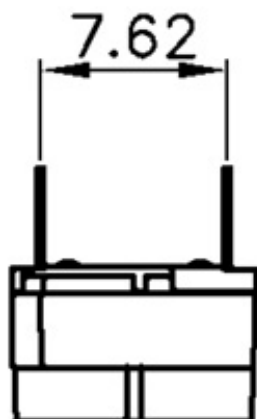
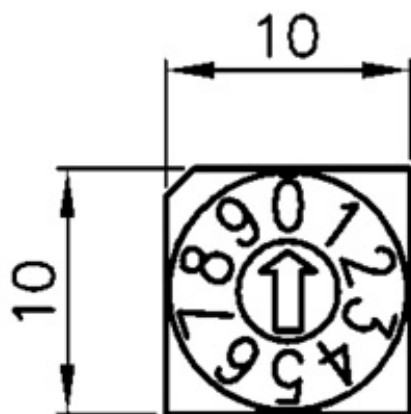




- Solid PCB pins
- Contacts with abrasion resistant hard gold plating
- Extra sealed design
- Switches are solder and flux sealed and washable
- Excellent detent, once more improved
- 100 % electronic inspection and testing

Solid PCB pins ensure trouble-free assembly and safe connection. Contacts with abrasion resistant hard gold plating have low and stable contact resistance. ISO 9001 approved production together with 100% electronic final inspection and testing guarantee reliable operation. Figures are clearly visible and detention mechanism is precise for fast and easy operation. Many special designs are available on request or can be built according to customer's specification.



Mechanical Data

Electrical Data

Type	horizontal
Fixation mode	THT
Height	6.5 mm
Length	10.0 mm
Width	10.0 mm
Pin connection	3+3
Torque	(typically) 1.7 Ncm
Mechanical lifetime	30.000 steps
Positions per rotation	10 16 - more versions on request
Perm. ambient temperature	-40 °C ... +85 °C
Perm. storage temperature	-40 °C ... +85 °C
Degree of protection	comparable IP67
Sealing	O-Ring
Humidity	21 days at 40 °C, 93 %RH
Sinus-vibration testing	acc. IEC 68-2-6
Frequency range	10 Hz ... 500 Hz ... 10 Hz, sliding
Amplitude	6.0 mm
Acceleration	10.0 g
Shock testing	acc. IEC 68-2-27
Shock acceleration amplitude	50.0 g
Duration of nominal shock	11.0 ms
Directions	6 (±x, ±y, ±z) 3 times each
Wave soldering	Single Wave
Iron soldering	2 s / 340 °C

Mechanical Data

Electrical Data

Operating voltage	$\leq 42.0 \text{ V}$
Standby current	$\leq 0.2 \text{ A}$
Contact load, dynamic	$\leq 0.15 \text{ A}$
Minimum load	$1.0 \mu\text{A } 20.0 \text{ mVDC}$
Test voltage	$250.0 \text{ V } 50 \text{ Hz} / 1.0 \text{ min}$
Contact resistance	$< 80.0 \text{ m}\Omega$
Insulation resistance	$> 100.0 \text{ M}\Omega$