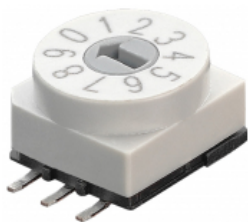


Technical data // P65SMT 1 01 TR

Rotary Code Switch

SMT Gull Wing Surface Mount Technology



Highlights

- Solid PCB pins
- Contacts with abrasion resistant hard gold plating
- ESD-protection on request
- 100 % electronic inspection and testing

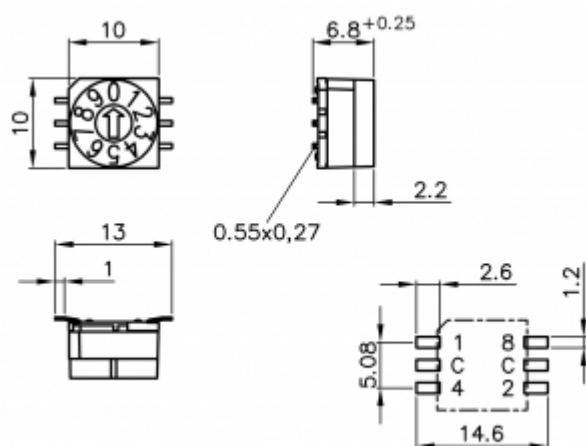
Mechanical Data

Type	horizontal
Fixation mode	SMT
Height	6.8 mm
Length	10.0 mm
Width	10.0 mm
Pin connection	3+3
Perm. ambient temperature	-60 °C ... +125 °C
Perm. storage temperature	-65 °C ... +135 °C
Torque	(typically) 1.3 Ncm
Mechanical lifetime	30.000 steps
Reflow soldering	10 s / 260 °C
Iron soldering	2 s / 340 °C
Sinus-vibration testing	acc. EN 60068-2-6
Frequency range	10 Hz ... 500 Hz ... 10 Hz, sliding
Amplitude	6.0 mm
Acceleration	10.0 g
Shock testing	acc. EN 60068-2-27
Shock acceleration amplitude	50.0 g
Duration of nominal shock	11.0 ms
Directions	6 ($\pm x$, $\pm y$, $\pm z$) 3 times each

Electrical Data

Operating voltage	$\leq 42.0 \text{ V}$
Standby current	$\leq 0.2 \text{ A}$
Contact load, dynamic	$\leq 0.1 \text{ A}$
Minimum load	$1.0 \mu\text{A } 20\text{mVDC}$
Test voltage	$250.0 \text{ V } 50 \text{ Hz} / 1.0 \text{ min}$
Contact resistance	$< 80.0 \text{ m}\Omega$
Insulation resistance	$> 100.0 \text{ M}\Omega$

Technical Drawing



Configuration

Actuators



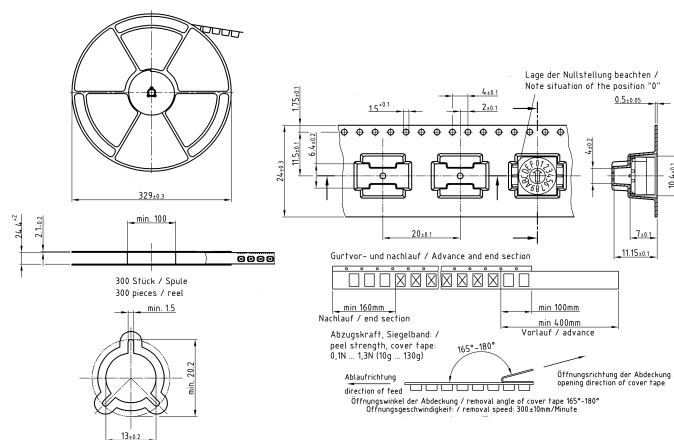
Arrow-shaped slot

Codes

BCD Typ 01						
	C	1	2	4	8	
0	●					0
1	●	●				1
2	●		●			2
3	●	●	●			3
4	●			●		4
5	●	●		●		5
6	●		●	●		6
7	●	●	●	●		7
8	●				●	8
9	●	●			●	9

BCD, Pos 10

Packing depending on acuator



Tape on Reel Packing for actuator 1 & 7