



Technical data // P56SMT 1 63 - TR

Rotary Code Switch

SMT Gull Wing Surface Mount Technology



**Highlights**

32 positions

5.05 mm height

12.0 mm length

Contacts with hard gold plating

100 % electronic inspection and testing

**Mechanical Data**

Fixation mode	SMT
Height	5.05 mm
Length	12.0 mm
Width	12.0 mm
Torque	typical 2.0 Ncm
Mechanical lifetime	typ. 50.000 steps
Positions per rotation	32
Perm. ambient temperature	-25 °C ... +95 °C
Perm. storage temperature	-30 °C ... +95 °C
Humidity	21 days at 40 °C, 93 %RH
Sinus-vibration testing	acc. EN 60068-2-6
Shock testing	acc. EN 60068-2-27
Reflow soldering	JDEC J-STD-020 E

**Electrical Data**

Operating voltage	$\leq 24.0$ V
Contact load, dynamic	$\leq 0.1$ A
Minimum load	1.0 $\mu$ A 50.0 mVDC
Contact resistance	$< 80.0$ mOhm
Insulation resistance	$> 100.0$ MOhm
Test voltage	250.0 V 50 Hz / 1.0 min





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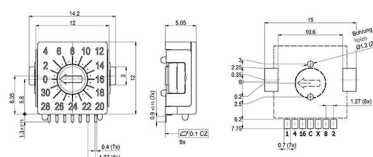
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Codes

32 Positionen							
	1	2	4	8	16	X	
0							0
1	•						1
2	•	•					2
3		•					3
4		•	•				4
5	•	•	•				5
6	•		•				6
7			•				7
8			•	•			8
9	•		•	•			9
10	•	•	•	•			10
11		•	•	•			11
12		•		•			12
13	•	•		•			13
14	•			•			14
15				•			15
16				•	•		16
17	•			•	•		17
18	•	•		•	•		18
19		•		•	•		19
20		•	•	•	•		20
21	•	•	•	•	•		21
22	•		•	•	•		22
23			•	•	•		23
24			•		•		24
25	•		•		•		25
26	•	•	•		•		26
27		•	•		•		27
28		•			•		28
29	•	•			•		29
30	•				•		30
31					•		31

32 positions,

Contact pins



horizontal

Packing

Tape on Reel Packing