

Rotary Code Switch

SMT Surface Mount Technology



Highlights

- Solid PCB pins
- Contacts with abrasion resistant hard gold plating
- Extra sealed design with high temperature resistance
- Switches are solder and flux sealed and washable
- 100 % electronic inspection and testing

Mechanical Data

Type	horizontal
Fixation mode	SMT
Height	6.2 mm
Length	10.0 mm
Width	10.0 mm
Pin connection	4+1
Perm. ambient temperature	-25 °C ... +85 °C
Perm. storage temperature	-40 °C ... +85 °C
Torque	(typically) 2.5 Ncm
Mechanical lifetime	10.000 steps
Degree of protection	comparable IP67
Sealing	O-Ring
Shock and vibration testing	acc. IEC 60068
Humidity	21 days at 40 °C, 93 %RH
Reflow soldering	10 s / 260 °C
Iron soldering	2 s / 340 °C

Electrical Data

Operating voltage	$\leq 42.0 \text{ V}$
Standby current	$\leq 0.4 \text{ A}$
Contact load, dynamic	$\leq 0.15 \text{ A}$
Minimum load	1.0 μA 20mVDC
Test voltage	250.0 V 50 Hz / 1.0 min
Contact resistance	$< 100.0 \text{ m}\Omega$
Insulation resistance	$> 100.0 \text{ M}\Omega$



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A Phoenix Mecano Company

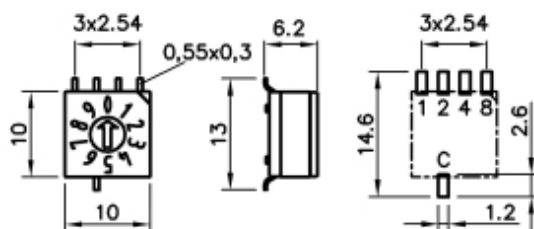
Technical data

// P60ASMT 1 03 TR

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Technical Drawing



Configuration

Standard actuators



Arrow-shaped slot

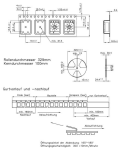
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Codes

Hexadezimal Typ 03						
	C	1	2	4	8	
0	●					0
1	●	●				●
2	●		●			2
3	●	●	●			●
4	●			●		4
5	●	●		●		●
6	●		●	●		6
7	●	●	●	●		●
8	●				●	8
9	●	●			●	●
10	●		●		●	A
11	●	●	●		●	●
12	●			●	●	C
13	●	●		●	●	●
14	●		●	●	●	E
15	●	●	●	●	●	●

Hexadecimal, 16

Packing



Tape on Reel Packing