

P25SMT



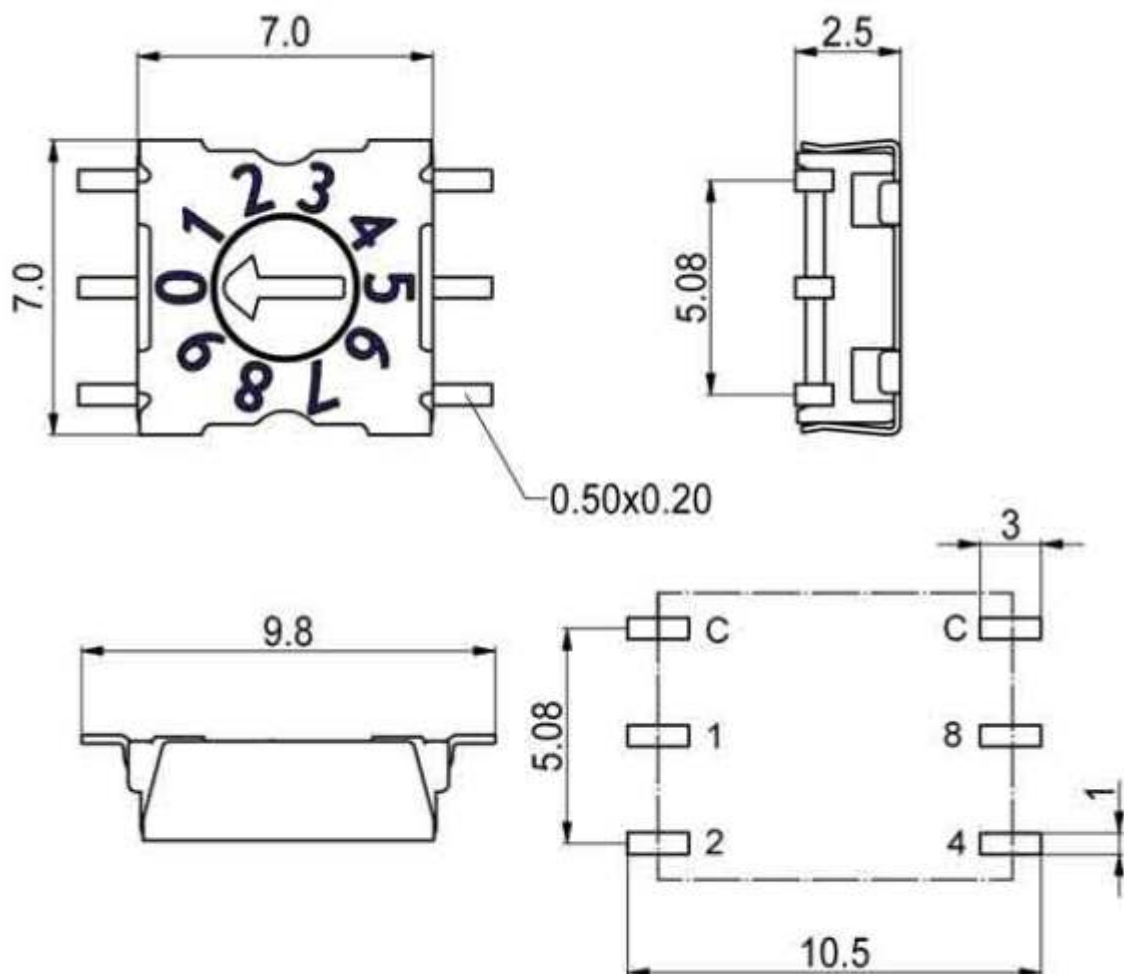
PTR HARTMANN

A Phoenix Mecano Company



- 2.5 mm height
- 7.0 mm length
- Lateral C-contact
- Contacts with abrasion resistant hard gold plating
- Solid, tinned PCB pins

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.



Mechanical Data

Electrical Data

Type	horizontal
Fixation mode	SMT
Height	2.5 mm
Length	7.0 mm
Width	7.0 mm
Pin connection	3+3 lateral C-contact
Torque	initial min. 0.7 Ncm
Mechanical lifetime	2.500 steps
Positions per rotation	10 16
Perm. ambient temperature	-50 °C ... +125 °C
Perm. storage temperature	-55 °C ... +135 °C
Shock and vibration testing	acc. IEC 60068
Humidity	21 days at 40 °C, 93 %RH
Reflow soldering	JDEC J-STD-020 E
Iron soldering	2 s / 340 °C

Mechanical Data

Electrical Data

Operating voltage	≤ 42.0 V
Standby current	≤ 0.4 A
Contact load, dynamic	≤ 0.1 A
Minimum load	1.0 µA 20.0 mVDC
Test voltage	250.0 V 50 Hz / 1.0 min
Contact resistance	< 80.0 mΩ
Insulation resistance	> 100.0 MΩ