

P25SMT

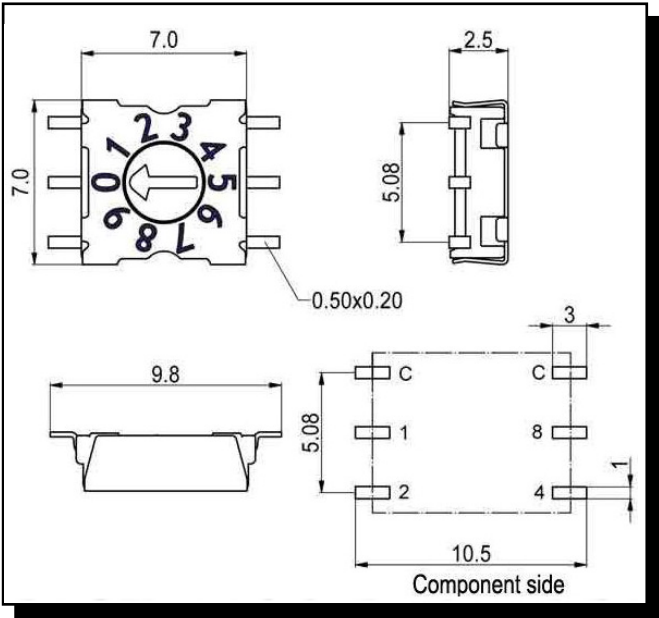
SMT GULL WING SURFACE MOUNT
TECHNOLOGY



FEATURES

- 2.5mm height
- 7.0mm 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 9001:2000 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.



GENERAL SPECIFICATIONS

MECHANICAL DATA

Type	horizontal
Fixation mode	SMT
Height	2.5 mm
Length	7.0 mm
Width	7.0 mm
Pin connection	3+3
Perm. ambient temperature	-50 ... +125 °C
Perm. storage temperature	-55 ... +135 °C
Torque	min. 0.7 Ncm
Positions per rotation	10, 16
Shock and vibration testing	acc. DIN IEC 60068
Humidity	21 days at 40°C, 93%RH

ELECTRICAL DATA

Operating voltage	≤ 42 V
Contact load, static	≤ 0.4 A
Contact load, dynamic	≤ 0.1 A
Minimum load	1µA 20mVDC
Test voltage	250V 50Hz/1min
Contact resistance	< 80 mΩ
Insulation resistance	> 100 MΩ

CODES

	Pos	Rotor	Code
BCD	10	red	○ Code: P25SMT _ 01 _ _
BCD Complement	10	orange	○ Code: P25SMT _ 02 _ _
Hexadecimal	16	grey	○ Code: P25SMT _ 03 _ _
Hexadecimal Complement	16	white	○ Code: P25SMT _ 06 _ _



Arrow shaped slot
○ Code: P25SMT 1 _ _



Spindle
○ Code: P25SMT 3 _ _



Slotted spindle
○ Code: P25SMT 8 _ _