

P65SMT



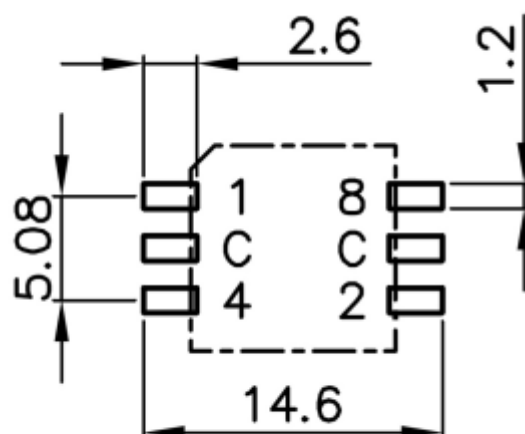
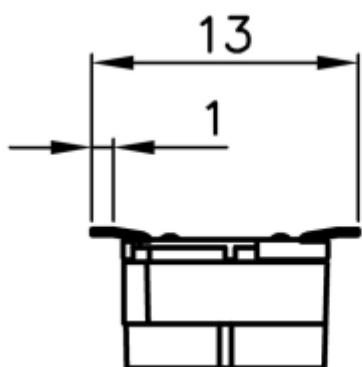
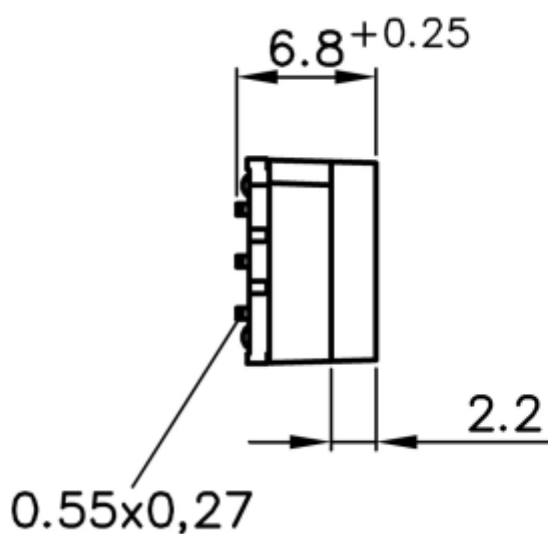
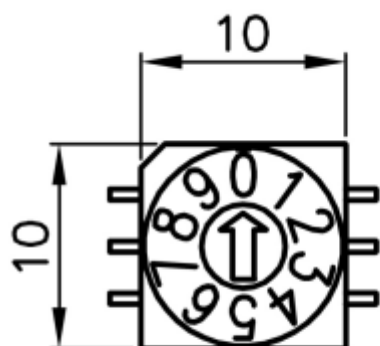
PTR HARTMANN

A Phoenix Mecano Company



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

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. Many special designs are available on request or can be built according to customer's specification.



Mechanical Data	Electrical Data
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Type	horizontal
Fixation mode	SMT
Height	6.8 mm
Length	10.0 mm
Width	10.0 mm
Pin connection	3+3
Torque	(typically) 1.3 Ncm
Mechanical lifetime	30.000 steps
Perm. ambient temperature	-60 °C ... +125 °C
Perm. storage temperature	-65 °C ... +135 °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 (±x, ±y, ±z) 3 times each
Reflow soldering	JDEC J-STD-020 E
Iron soldering	2 s / 340 °C

Mechanical Data	Electrical Data
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Operating voltage	≤ 42.0 V
Standby current	≤ 0.2 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