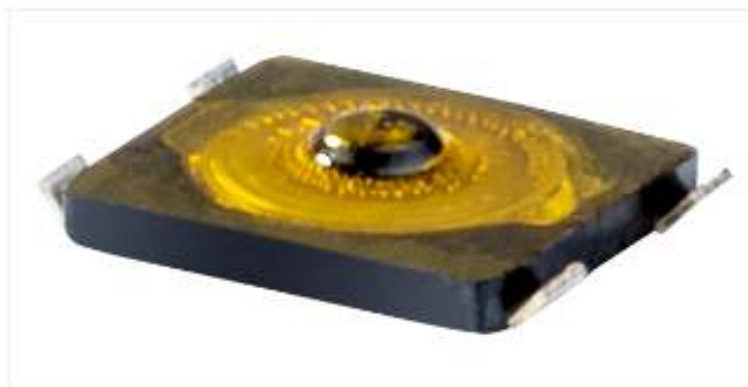




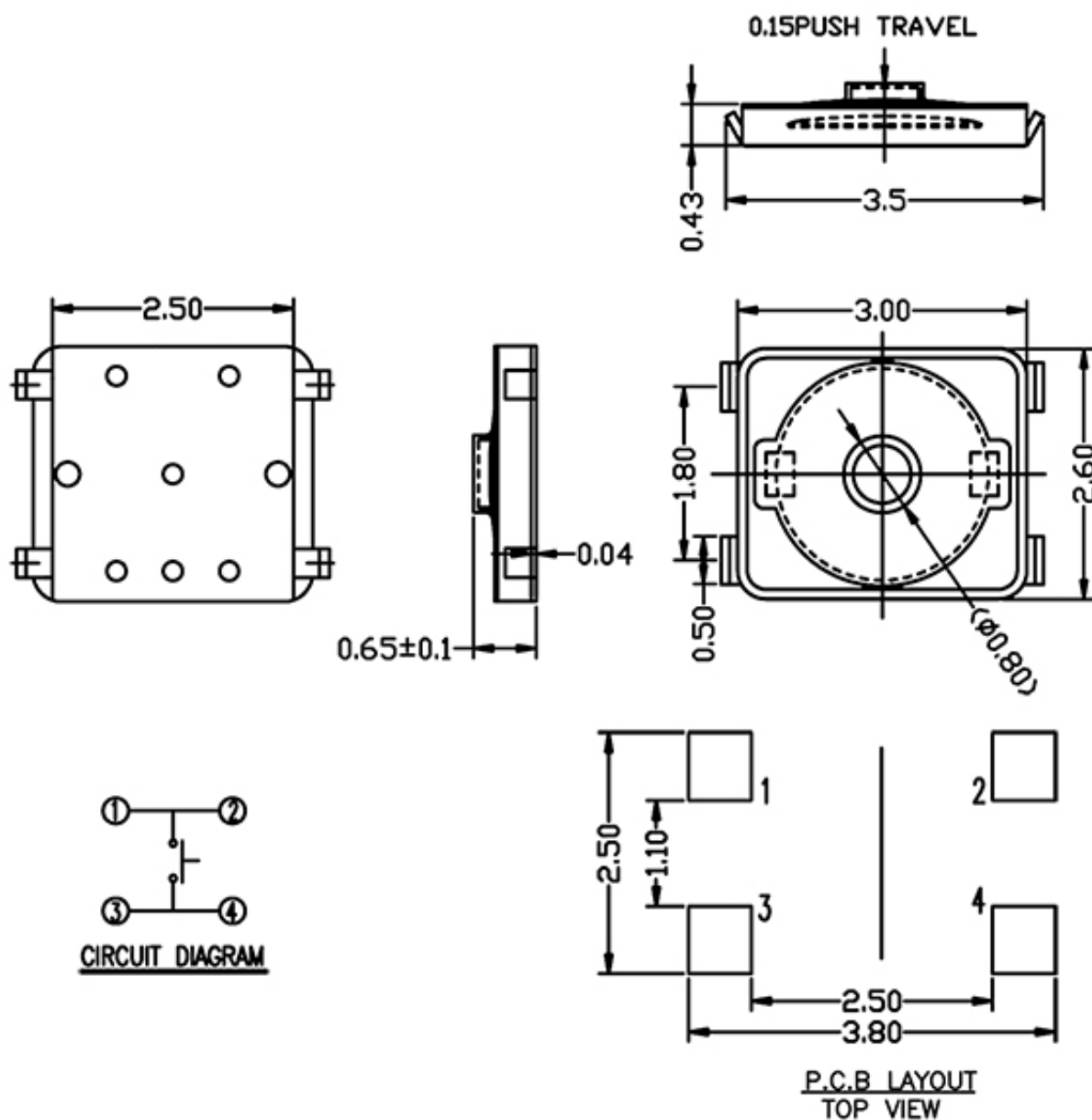
PTR HARTMANN

A Phoenix Mecano Company

THU13U



- Very small, extremely low
- Waterproof
- High actuation force 200gf
- High lifetime - 300.000 cycles
- Suitable for wearable devices and portable electronic products
- Suitable for e-cigarettes or vaporizers



Mechanical Data**Electrical Data****Material**

Fixation mode	SMT
Type	horizontal
Actuation direction	vertical
Length	3.0 mm
Width	2.6 mm
Travel	0.15 mm ± 0.05 mm
Perm. ambient temperature	30 °C ... +85 °C
Perm. storage temperature	-20 °C ... +50 °C
Reflow soldering	JDEC J-STD-020 E
Degree of protection	IP67

Mechanical Data**Electrical Data****Material**

Rating	12.0 VDC / 50.0 mA
Contact resistance	< 500.0 mΩ
Insulation resistance	> 100.0 MΩ
Test voltage	250.0 VAC / 1.0 min

Mechanical Data**Electrical Data****Material**

Housing	LCP
Pin plating	Bronze, Ag plated
Dome	Stainless steel (SUS)
Metal cover	Stainless steel (SUS)