



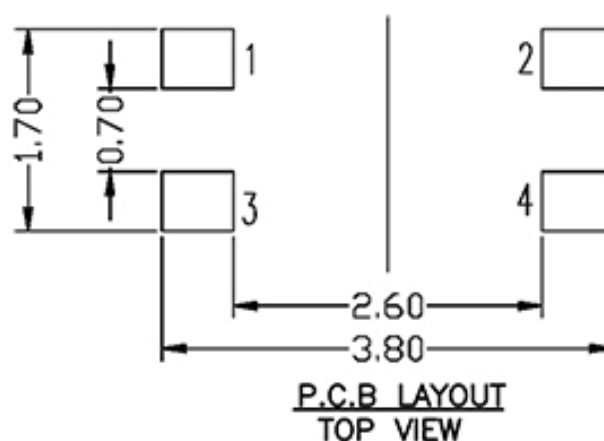
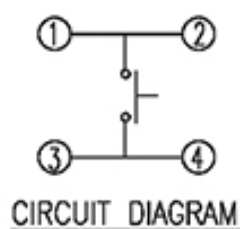
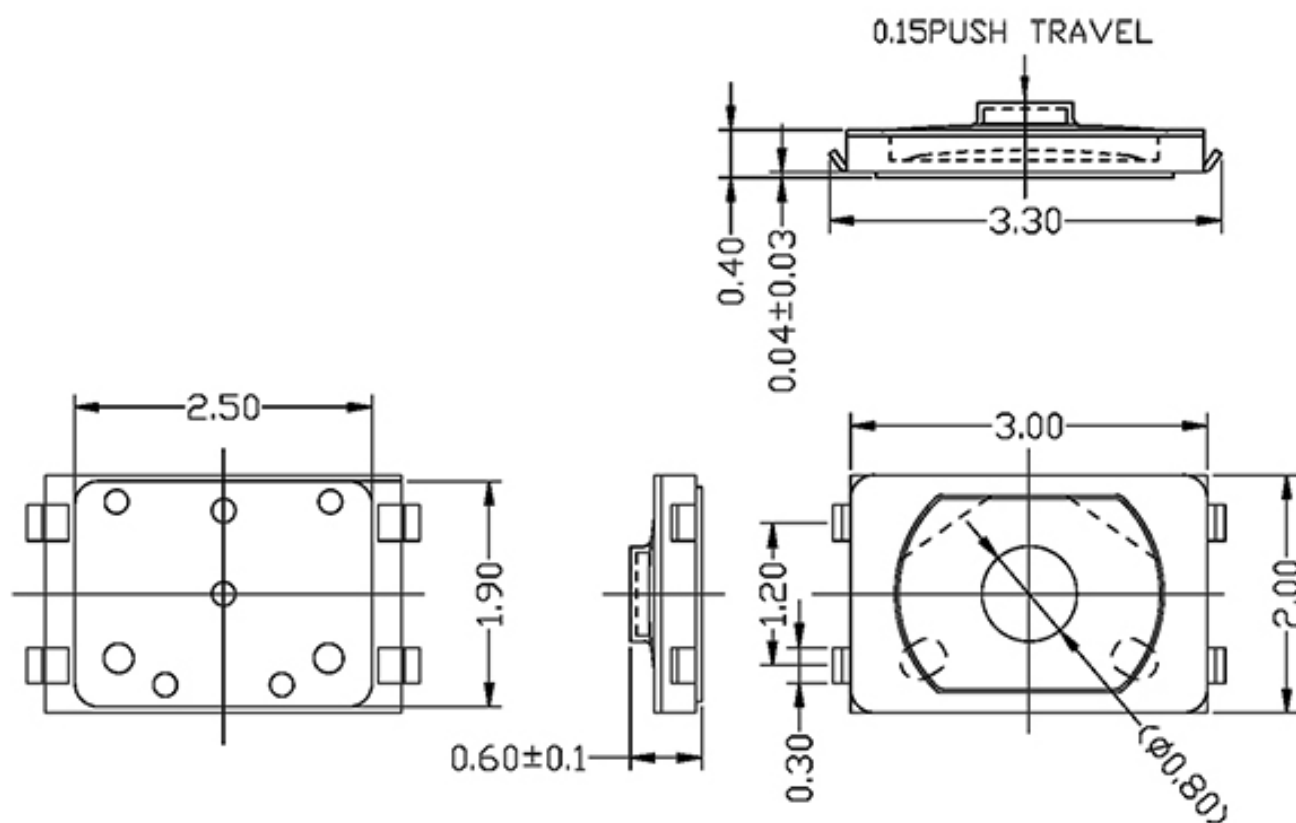
PTR HARTMANN

A Phoenix Mecano Company

THU12U



- 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
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Fixation mode	SMT
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Type	horizontal
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Actuation direction	vertical
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Length	3.0 mm
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Width	2.0 mm
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Travel	0.15 mm ± 0.05 mm
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Perm. storage temperature	-20 °C ... +50 °C
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Perm. ambient temperature	30 °C ... +85 °C
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Reflow soldering	JDEC J-STD-020 E
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Degree of protection	IP67
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Mechanical Data	Electrical Data	Material
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Rating	12.0 VDC / 50.0 mA
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Contact resistance	< 500.0 mΩ
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Insulation resistance	> 100.0 MΩ
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Test voltage	250.0 VAC / 1.0 min
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Mechanical Data	Electrical Data	Material
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Housing	LCP
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Pin plating	Bronze, Ag plated
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Dome	Stainless steel (SUS)
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Metal cover	Stainless steel (SUS)
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