

Technical drawing of the M10 x P-1mm connector, showing dimensions in inches and millimeters.

Top View:

- Overall width: 14.73 (.58)
- Inner square width: 9.91 (.39)

Side View:

- Overall height: 14.48 (.57)
- Threaded section height: 8.13 (.32)
- Flange thickness: 1.02 (.04)
- Top section height: 4.06 (.16)
- Bottom section height: 7.62 (.30)
- Bottom flange thickness: .508 (.02)

Detail View (Left):

- Mounting Hole diameter: $\phi 10.16$ ($\phi .40$)
- Mounting Hole depth: 6.1 (.24)
- Mounting Hole width: 1.78 (.07)
- Mounting Hole offset: 0.762 (.03)
- Mounting Hole depth: 2.03 (.08)
- Mounting Hole width: .508 (.02)

Detail View (Right):

- Overall width: $\phi 14.73$ ($\phi .58$)
- Inner square width: $\phi 10.16$ ($\phi .40$)
- Bottom flange thickness: .508 (.02)
- Bottom flange width: 5.08 (.20)

- Mechanical life: 100,000 operations

- Electrical life: 50,000 operations
- Rating: 3A / 125VAC, 1A / 250VAC
- Insulation resistance: 500VDC 100M Ω (min.)
- Dielectric strength: 1500VAC for 1 minute
- Contact resistance: 1A @ 2.5VDC 20m Ω (max.)

Mouser Stock No.	Button Color	Frame Color	Circuit
10PA332	Red	Black	Off-(On)
10PP432	Red	Black	On-Off
10PP433	Black	Black	On-Off

Mountain Switch

1-800-346-6873

Mouser Electronics

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