

Technical Drawing of R13-117 Switch

Front View Dimensions:

- Overall Width: $31.50 \pm .30$ mm ($1.24 \pm .012$ in)
- Overall Height: $27.50 \pm .50$ mm ($1.08 \pm .02$ in)
- Button Height: $8.80 \pm .50$ mm ($.346 \pm .02$ in)
- Button Width: $17.60 \pm .10$ mm ($.693 \pm .004$ in)
- Pin Spacing: $27.20 \pm .30$ mm ($1.07 \pm .012$ in)
- Pin Diameter: $.80 \pm .10$ mm ($.031 \pm .004$ in)
- Pin Length: $9.40 \pm .50$ mm ($.37 \pm .02$ in)
- Pin Spacing (Inner): $8.70 \pm .50$ mm ($.342 \pm .02$ in)
- Pin Spacing (Outer): $10 \pm .50$ mm ($.394 \pm .02$ in)

Side View Dimensions:

- Overall Height: $25.20 \pm .30$ mm ($.992 \pm .012$ in)
- Button Height: $22 \pm .20$ mm ($.866 \pm .008$ in)
- Button Width: $19 \pm .30$ mm ($.748 \pm .012$ in)
- Pin Spacing: $6.35 \pm .10$ mm ($.025 \pm .004$ in)
- Pin Length: $4.10 \pm .20$ mm ($.161 \pm .008$ in)

Top View Dimensions:

- Overall Width: $31.50 \pm .30$ mm ($1.24 \pm .012$ in)
- Overall Height: $27.50 \pm .50$ mm ($1.08 \pm .02$ in)
- Pin Spacing: $27.20 \pm .30$ mm ($1.07 \pm .012$ in)
- Pin Diameter: $.80 \pm .10$ mm ($.031 \pm .004$ in)
- Pin Length: $9.40 \pm .50$ mm ($.37 \pm .02$ in)
- Pin Spacing (Inner): $8.70 \pm .50$ mm ($.342 \pm .02$ in)
- Pin Spacing (Outer): $10 \pm .50$ mm ($.394 \pm .02$ in)

Mount Hole

Circuit Structure

Thickness	X	Y
0.75...1.25	30.2 - 0.1	22.2 + 0.1
1.25...2	30.4 - 0.1	22.2 + 0.1
2...3	30.8 - 0.1	22.2 + 0.1

Mouser Stock No.	Button Color
103-7078-EV	Black
103-7080-EV	Green (Illuminated)

- Rating: 16A / 125VAC, 10A / 250 VAC
- Contact Resistance: 50m Ω max.
- Insulation Resistance: 500 VDC 100M Ω min.
- Dielectric Strength: 1500 VAC for 1 minute

- Operating Temperature: -20°C ~ 85°C
- Circuit: 4P DPST On-Off
- Neon Lamp (103-7080-EV): 110VAC

- RoHS Compliant

Rocker Switches

103-7078-EV, 103-7080-EV

Mountain Switch

www.mouser.com 1-800-346-6873

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