

Technical drawings of the 16-pin connector, including top, side, and PCB layout views.

Top View: Shows the 16 pins arranged in two rows of 8. The overall width is labeled 'A'. The pin pitch is 1.27x(P-1) (.05x(P-1)). The distance between the centerlines of the two rows is 1.27 Pitch (.05). The distance from the centerline of the top row to the top edge is 1.20 (.047). The distance from the centerline of the bottom row to the bottom edge is .60 (.024).

Side View: Shows the profile of the connector. The height of the top row is 1.50±.03 (.059±.001). The height of the bottom row is .10±.10 (.004±.004). The distance between the centerlines of the two rows is 1.27 Pitch (.05). The distance from the centerline of the top row to the top edge is .40 (.016). The distance from the centerline of the bottom row to the bottom edge is .10±.10 (.004±.004).

PCB Layout: Shows the footprint of the connector. The overall width is 5.30 (.209). The distance between the centerlines of the two rows is 4.50±.05 (.177±.002). The distance from the centerline of the top row to the top edge is .60±.10 (.024±.004). The distance from the centerline of the bottom row to the bottom edge is .10±.10 (.004±.004). The angle of the bottom row is 0°~10°.

Isometric View: Shows the 3D perspective of the connector, highlighting the 16 pins and the top row of pins.

- Life: 1000 cycles
- Non-Switching Rating: 100mA/50VDC
- Switching Rating: 25mA/24VDC
- Contact Resistance: 100mΩ max. at initial
- Insulation Resistance: 100MΩ min. at (500VDC)
- Dielectric Strength: 300VAC/1minute

- Life: 1000 cycles
- Operation Force: 500gf
- Stroke: 0.6mm
- Operating Temperature: -40°C to +85°C
- Storage Temperature: -40°C to +85°C

- RoHS Compliant

Mouser Stock No.	No. of Pos.	Dimensions A mm (in.)
106-HNF2-EV	2	3.77 (.148)
106-HNF4-EV	4	6.31 (.248)
106-HNF6-EV	6	8.85 (.348)
106-HNF8-EV	8	11.39 (.448)
106-HNF1-EV	10	13.93 (.548)

106-HNF1-EV, 106-HNF2-EV, 106-HNF4-EV,
106-HNF6-EV, 106-HNF8-EV

Mountain Switch

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

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