

Technical drawing of a 3-pin connector, showing three views: front, side (A-A), and top.

Front View Dimensions:

- Overall width: 21 ± 0.5
- Inner width: 16 ± 0.3
- Overall height: 21 ± 0.5
- Inner height: 16 ± 0.3
- Pin diameter: $2 \times (\phi 2)$
- Pin spacing: $4 \times \phi 2.9 \pm 0.2$
- Pin positions: 1, 2, 3
- Pin 2 label: HRS

Side View (A-A) Dimensions:

- Overall height: 21.6 ± 2
- Pin 1 height: 9 ± 0.5
- Pin 2 height: (1.5)
- Pin 3 height: (11.1)
- Pin 1 diameter: $\phi 14.1 \begin{smallmatrix} +0.1 \\ -0.2 \end{smallmatrix}$
- Pin 2 diameter: $\phi 12.1 \begin{smallmatrix} +0.2 \\ -0.1 \end{smallmatrix}$
- Pin 3 diameter: $\phi 14 \pm 0.3$
- Pin 1 length: 3.5 ± 0.2
- Pin 2 length: (8)
- Pin 3 length: (11.1)
- Pin 1 label: 1
- Pin 2 label: 2
- Pin 3 label: 3
- Pin 3 label: CAULKING

Top View Dimensions:

- Overall width: 21 ± 0.5
- Inner width: 16 ± 0.3
- Pin positions: 1, 2, 3
- Pin 2 label: HRS

Other Callouts:

- SOLDER CUP INSIDE DIA. ($\phi 1.1$)
- CAULKING