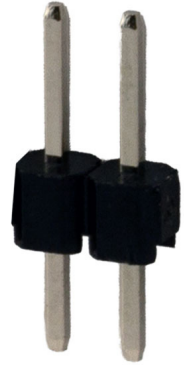


**SERIES:** SSK08-MPH-200 | **DESCRIPTION:** RECTANGULAR CONNECTOR**FEATURES**

- male pin header
- 2.0 mm pitch
- straight pins
- single row
- gold flash

**SPECIFICATIONS**

| parameter                       | conditions/description               | min   | typ | max | units  |
|---------------------------------|--------------------------------------|-------|-----|-----|--------|
| rated voltage                   |                                      |       |     | 220 | V      |
| rated current                   |                                      |       |     | 2.0 | A      |
| dielectric withstanding voltage | at 2 mA cut-off current for 1 minute |       | 500 |     | Vac    |
| contact resistance              | measured at 1 kHz AC, 100 mA         |       |     | 20  | mΩ     |
| insulation resistance           | at 500 Vdc for 1 minute              | 1,000 |     |     | MΩ     |
| retention force                 | per pin                              | 0.5   |     |     | kgf    |
| insertion force                 | per pin                              |       |     | 0.2 | kgf    |
| withdrawal force                | per pin                              | 0.03  |     |     | kgf    |
| life                            |                                      |       | 100 |     | cycles |
| operating temperature           |                                      | -40   |     | 105 | °C     |
| flammability rating             | UL94V-0                              |       |     |     |        |
| RoHS                            | yes                                  |       |     |     |        |

**SOLDERABILITY**

| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| wave soldering | for 3±0.5 seconds      | 240 | 245 | 250 | °C    |

**PART NUMBER KEY****SSK08 - MPH - 200 - A XX**

Base Number

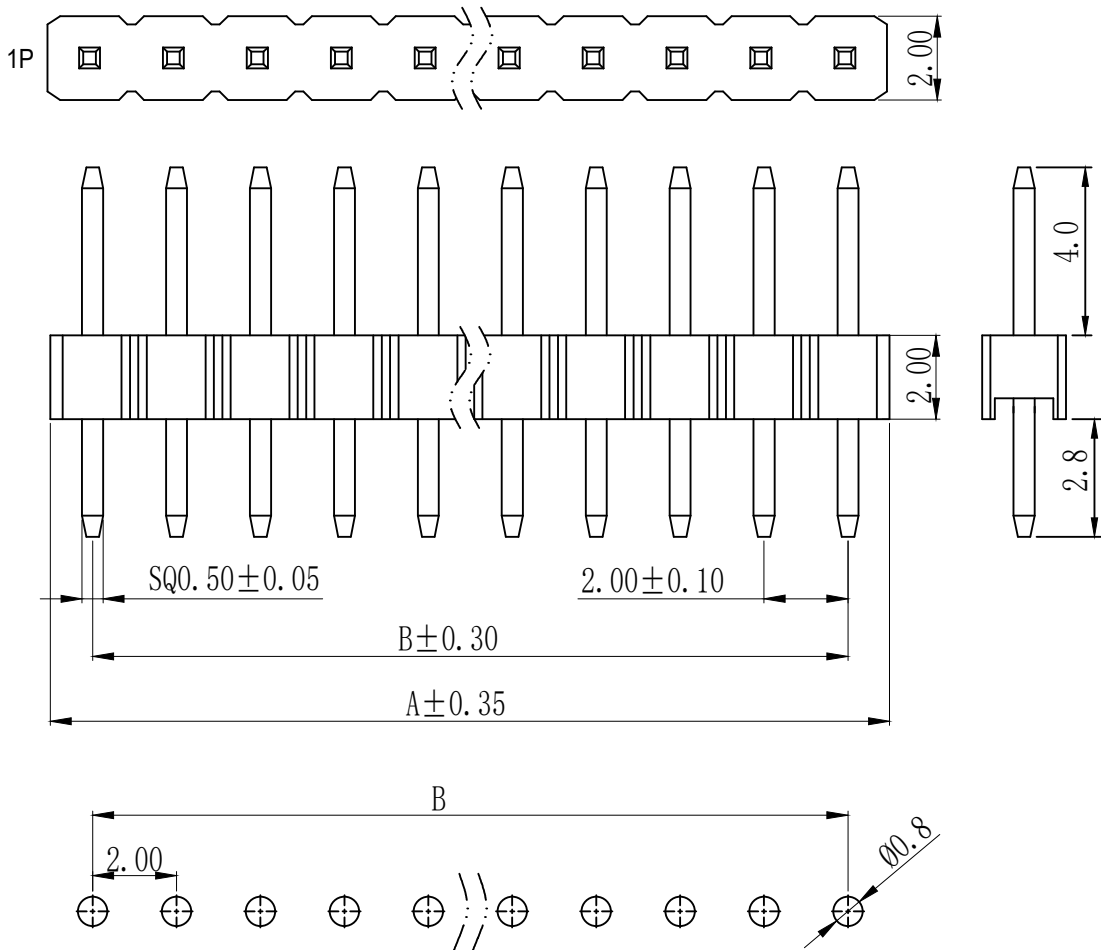
No. of Poles:

|    |    |    |    |
|----|----|----|----|
| 2  | 12 | 22 | 32 |
| 3  | 13 | 23 | 33 |
| 4  | 14 | 24 | 34 |
| 5  | 15 | 25 | 35 |
| 6  | 16 | 26 | 36 |
| 7  | 17 | 27 | 37 |
| 8  | 18 | 28 | 38 |
| 9  | 19 | 29 | 39 |
| 10 | 20 | 30 | 40 |
| 11 | 21 | 31 |    |

MECHANICAL DRAWING

units: mm  
tolerance:  
X.X ±0.30 mm  
X.XX ±0.20 mm  
X.XXX ±0.15 mm  
unless otherwise noted

| DESCRIPTION | MATERIAL       | PLATING/COLOR                        |
|-------------|----------------|--------------------------------------|
| housing     | PA6T [UL94V-0] | black                                |
| contacts    | brass          | 0.2 μ" min gold<br>flash over nickel |



Recommended PCB Layout  
Top View

| This series is constructed of single piece modules where A & B are length dimensions and N is the number of poles. |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| N                                                                                                                  | 02    | 03    | 04    | 05    | 06    | 07    | 08    | 09    | 10    | 11    | 12    | 13    |
| A                                                                                                                  | 3.80  | 5.80  | 7.80  | 9.80  | 11.80 | 13.80 | 15.80 | 17.80 | 19.80 | 21.80 | 23.80 | 25.80 |
| B                                                                                                                  | 2.00  | 4.00  | 6.00  | 8.00  | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 24.00 |
| N                                                                                                                  | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    |
| A                                                                                                                  | 27.80 | 29.80 | 31.80 | 33.80 | 35.80 | 37.80 | 39.80 | 41.80 | 43.80 | 45.80 | 47.80 | 49.80 |
| B                                                                                                                  | 26.00 | 28.00 | 30.00 | 32.00 | 34.00 | 36.00 | 38.00 | 40.00 | 42.00 | 44.00 | 46.00 | 48.00 |
| N                                                                                                                  | 26    | 27    | 28    | 29    | 30    | 31    | 32    | 33    | 34    | 35    | 36    | 37    |
| A                                                                                                                  | 51.80 | 53.80 | 55.80 | 57.80 | 59.80 | 61.80 | 63.80 | 65.80 | 67.80 | 69.80 | 71.80 | 73.80 |
| B                                                                                                                  | 50.00 | 52.00 | 54.00 | 56.00 | 58.00 | 60.00 | 62.00 | 64.00 | 66.00 | 68.00 | 70.00 | 72.00 |
| N                                                                                                                  | 38    | 39    | 40    | ---   | ---   | ---   | ---   | ---   | ---   | ---   | ---   | ---   |
| A                                                                                                                  | 75.80 | 77.80 | 80.00 | ---   | ---   | ---   | ---   | ---   | ---   | ---   | ---   | ---   |
| B                                                                                                                  | 74.00 | 76.00 | 78.00 | ---   | ---   | ---   | ---   | ---   | ---   | ---   | ---   | ---   |

## REVISION HISTORY

| rev. | description     | date       |
|------|-----------------|------------|
| 1.0  | initial release | 10/22/2026 |

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

**sameskydevices.com**