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# SERIES: SSK06-MPH-100 | DESCRIPTION: RECTANGULAR CONNECTOR

## FEATURES

- male pin header
- 1.0 mm pitch
- straight pins
- double row
- gold flash

RoHS

## SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|---|---|---|---|---|---|
| rated voltage | | | | 125 | V |
| rated current | | | | 0.75 | A |
| dielectric withstanding voltage | at 2 mA cut-off current for 1 minute | | 500 | | Vac |
| contact resistance | measured at 1 kHz AC, 100 mA | | | 30 | mΩ |
| insulation resistance | at 500 Vdc for 1 minute | 1,000 | | | MΩ |
| retention force | per pin | 0.3 | | | kgf |
| insertion force | per pin | | | 0.18 | kgf |
| withdrawal force | per pin | 0.02 | | | 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

SSK06 - MPH - 100 - B **XX**

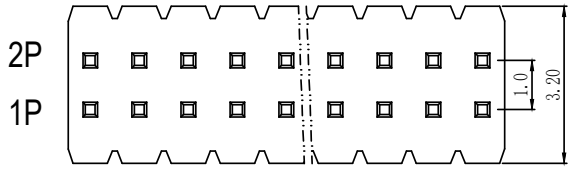
Base Number

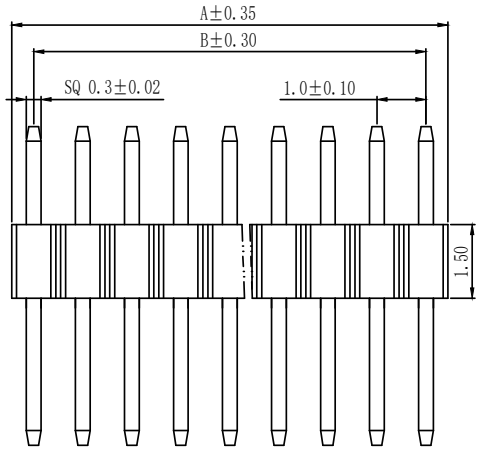
No. of Pins:
2 = 2x2
3 = 2x3
4 = 2x4
5 = 2x5
6 = 2x6
7 = 2x7
8 = 2x8
9 = 2x9
10 = 2x10
11 = 2x11
12 = 2x12
13 = 2x13
14 = 2x14
15 = 2x15
16 = 2x16
17 = 2x17
18 = 2x18
19 = 2x19
20 = 2x20

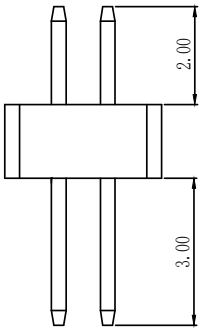
## MECHANICAL DRAWING

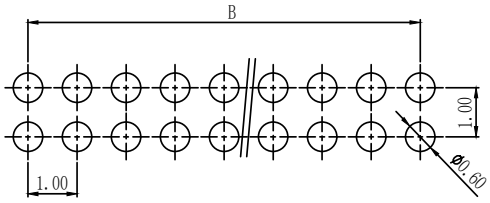
units: mm
tolerance:
X.X ±0.30 mm
X.XX ±0.20 mm
X.XXX ±0.15 mm
unless otherwise noted

| DESCRIPTION | MATERIAL | PLATING/COLOR |
|---|---|---|
| housing | PA6T (UL94V-0) | black |
| contacts | brass | 0.2 µ" min gold 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 |
| A | 1.80 | 2.80 | 3.80 | 4.80 | 5.80 | 6.80 | 7.80 | 8.80 | 9.80 | 10.80 |
| B | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 | 6.00 | 7.00 | 8.00 | 9.00 | 10.00 |
| N | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| A | 11.80 | 12.80 | 13.80 | 14.80 | 15.80 | 16.80 | 17.80 | 18.80 | 19.80 | |
| B | 11.00 | 12.00 | 13.00 | 14.00 | 15.00 | 16.00 | 17.00 | 18.00 | 19.00 | |

## 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.

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