



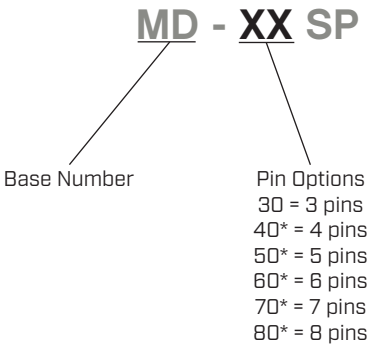
SERIES: MD-SP | **DESCRIPTION:** MINI DIN CONNECTOR

FEATURES

- vertical
- panel mount
- plastic mounting ears w/recess for hex nut



PART NUMBER KEY



Note: *. Discontinued MD-40SP, MD-50SP, MD-60SP MD-70SP & MD-80SP models.

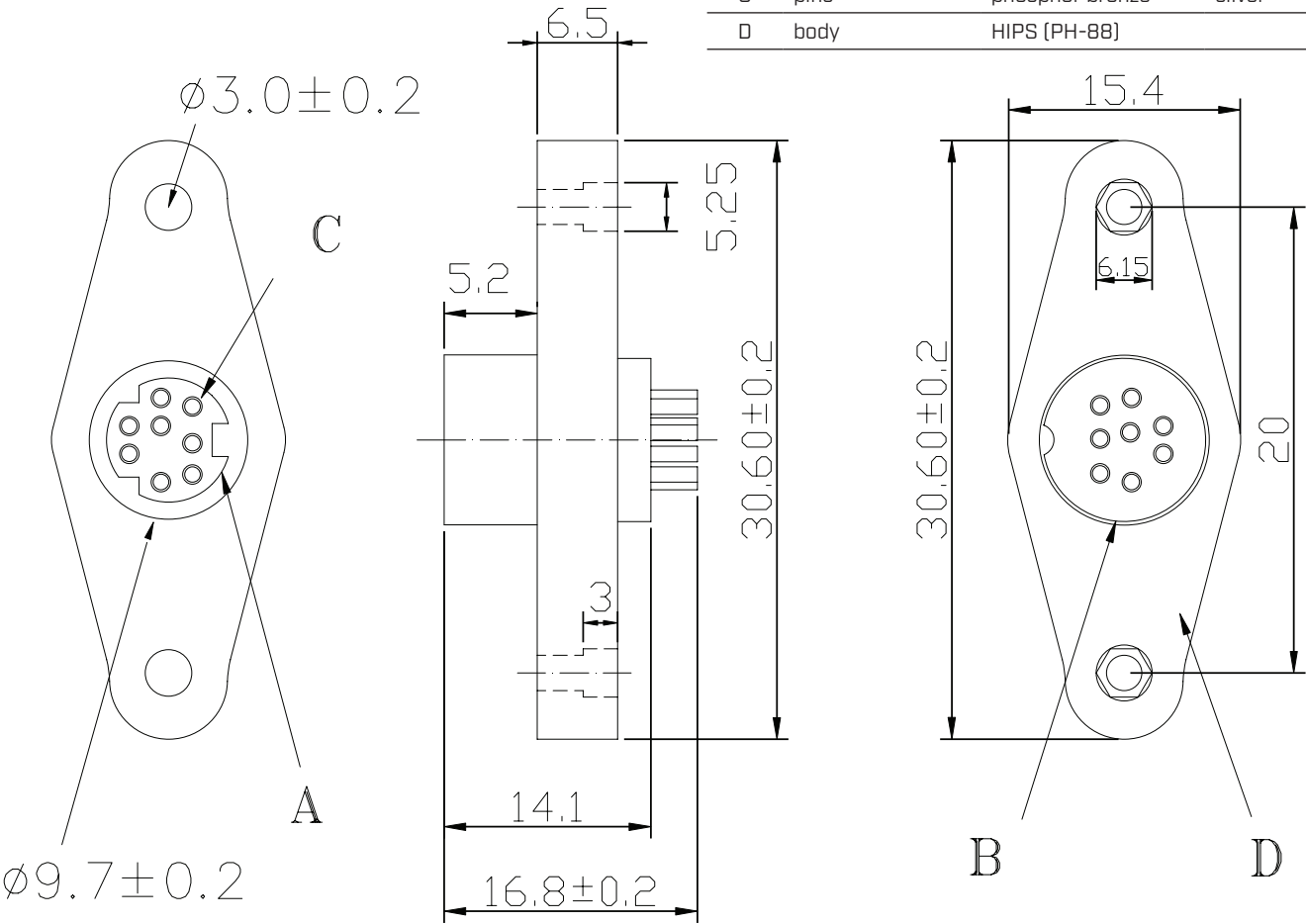
SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-----------------------|-------------------------|-----|-----------|--------|------------|
| rated input voltage | | | 100 12 | | Vac Vdc |
| rated input current | at 100 Vac at 12 Vdc | | | 1 2 | A A |
| contact resistance | | | | 30 | mΩ |
| insulation resistance | at 250 Vdc | 50 | | | MΩ |
| voltage withstand | for 1 minute | | | 250 | Vac |
| insertion force | | | | 4.5 | kg |
| withdrawal force | | 0.9 | | 3 | kg |
| operating temperature | | 5 | | 80 | °C |
| life | | | 5,000 | | cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |

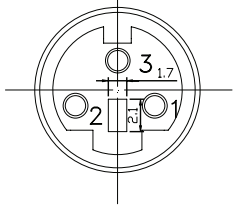
MECHANICAL DRAWINGS

units: mm
tolerance: ±0.2 mm

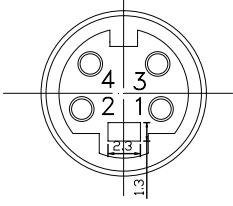
| ITEM | DESCRIPTION | MATERIAL | PLATING/COLOR |
|------|-------------|-----------------------|---------------|
| A | housing | NY6+FB (PA-1010C2) | |
| B | shell | brass | nickel |
| C | pins | phosphor bronze | silver |
| D | body | HIPS (PH-88) | |



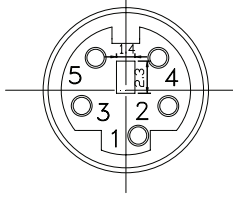
MD-30SP



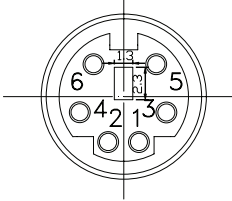
MD-40SP



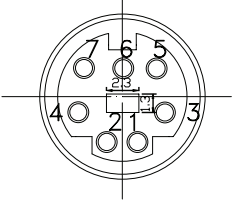
MD-50SP



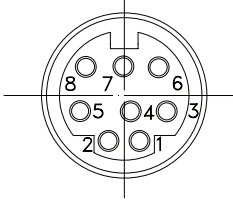
MD-60SP



MD-70SP



MD-80SP



REVISION HISTORY

| rev. | description | date |
|------|---|------------|
| 1.0 | initial release | 02/23/2006 |
| 1.01 | new template applied | 02/09/2012 |
| 1.02 | updated datasheet | 08/25/2017 |
| 1.03 | brand update | 02/19/2020 |
| 1.04 | changed housing mold | 07/09/2020 |
| 1.05 | updated drawing | 02/10/2022 |
| 1.06 | logo, datasheet style update | 08/05/2022 |
| 1.07 | discontinued models MD-40SP, MD-50SP, MD-70SP & MD-80SP | 09/26/2022 |
| 1.08 | discontinued model MD-60SP | 05/31/2023 |
| 1.09 | CUI Devices rebranded to Same Sky | 09/12/2024 |

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.

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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.

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