

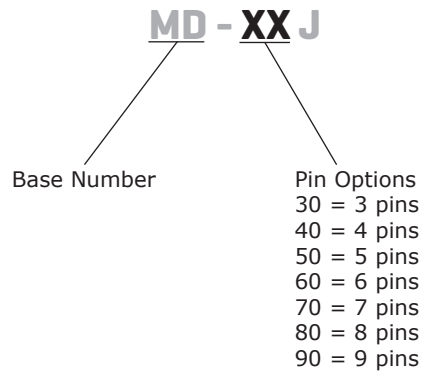
SERIES: MD-J | **DESCRIPTION:** MINI DIN CONNECTOR

FEATURES

- recessed face
- includes strain relief



PART NUMBER KEY



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 | | -20 | | 105 | °C |
| life | | | 5,000 | | cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | 2011/65/EU | | | | |

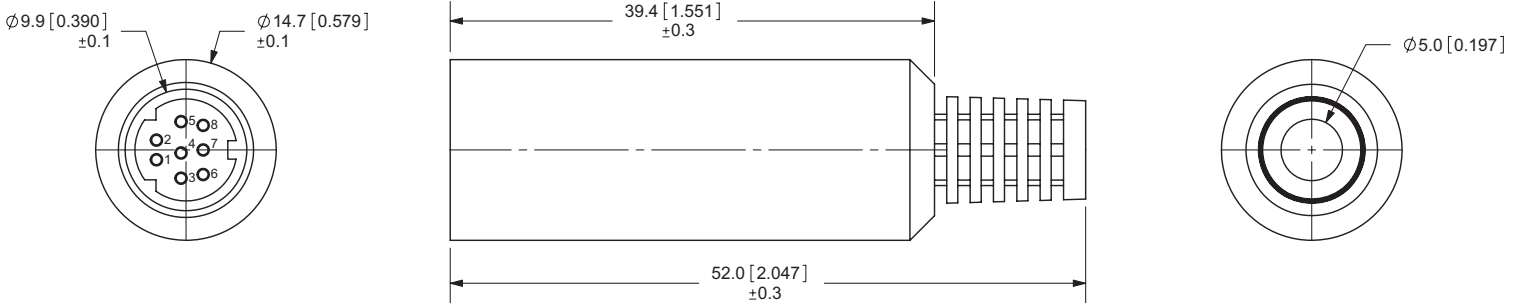
MECHANICAL DRAWINGS

units: mm[inches]

TOLERANCE: ±0.1mm



| | MATERIAL | PLATING |
|--------------------|--------------------|---------|
| shell | copper | nickel |
| pin contacts (1~9) | brass | silver |
| insulator | Nylon6+glass fiber | |
| boot | PE + 2L | |
| hood | ABS (PA-757) | |



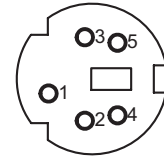
MD-30J



MD-40J



MD-50J



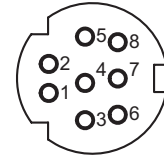
MD-60J



MD-70J



MD-80J



MD-90J



REVISION HISTORY

| rev. | description | date |
|------|----------------------|------------|
| 1.0 | initial release | 02/23/2006 |
| 1.01 | new template applied | 02/17/2012 |
| 1.02 | updated datasheet | 09/01/2017 |

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



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