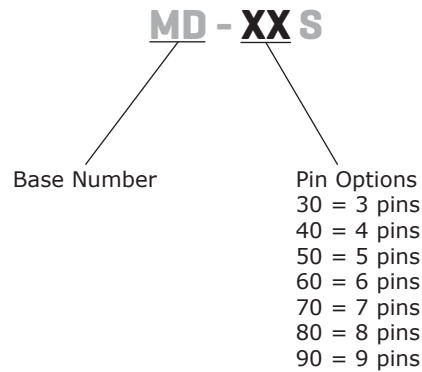


SERIES: MD-XXS | **DESCRIPTION:** MINI DIN CONNECTOR

FEATURES

- PCB mount
- right angle
- non-shielded

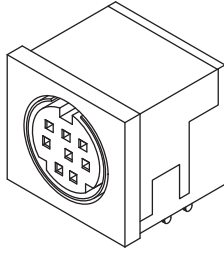

PART NUMBER KEY

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 | | 1 | | 4.5 | kg |
| withdrawl force | | 0.8 | | 3 | kg |
| operating temperature | | -40 | | 85 | °C |
| life | | | 1,000 | | cycles |

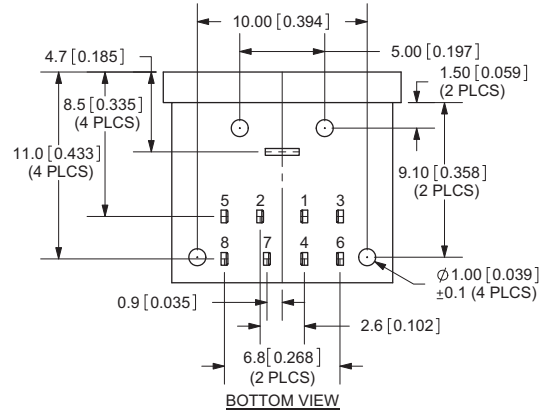
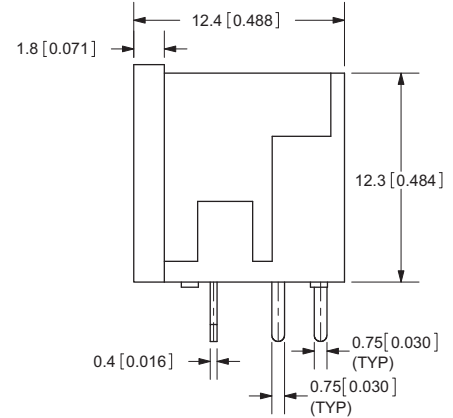
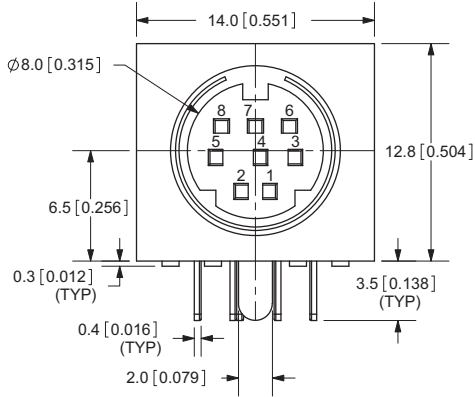
MECHANICAL DRAWINGS

units: mm[inches]

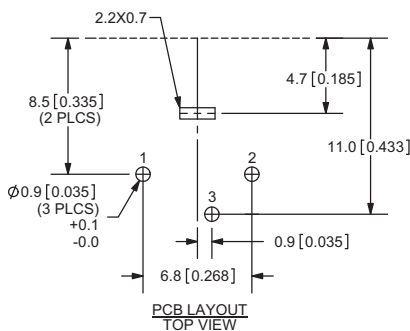
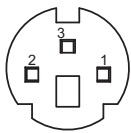
TOLERANCE: ±0.2mm



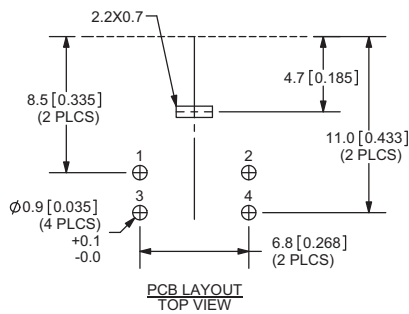
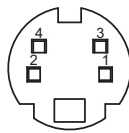
| | MATERIAL | PLATING |
|-------------------------|-----------------|---------|
| earth terminal | brass | tin |
| contact terminals (1~8) | phosphor bronze | silver |
| housing | PBT | |



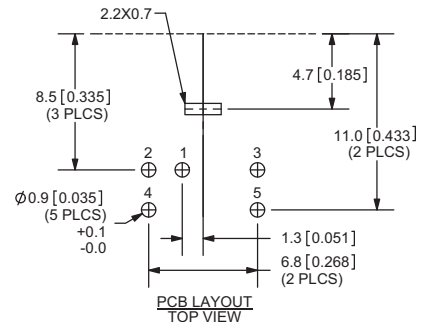
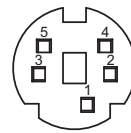
MD-30S



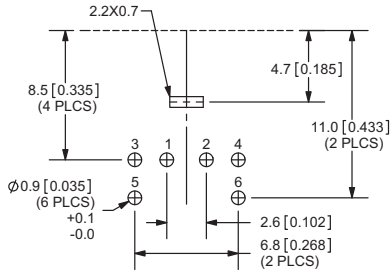
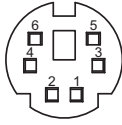
MD-40S



MD-50S

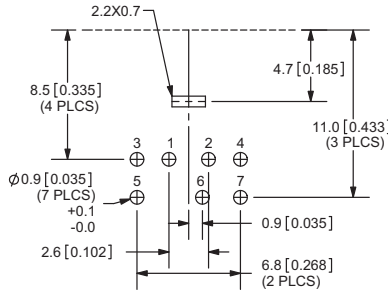
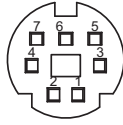


MD-60S



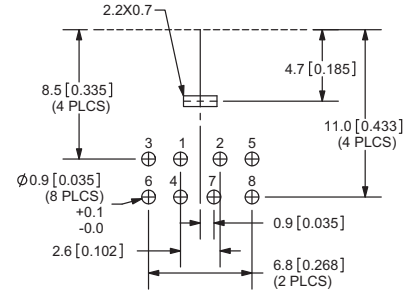
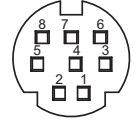
PCB LAYOUT TOP VIEW

MD-70S



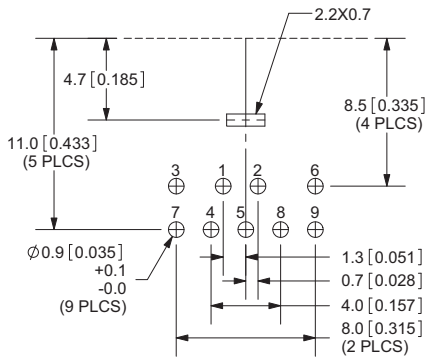
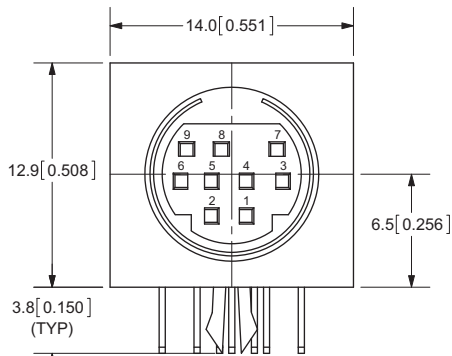
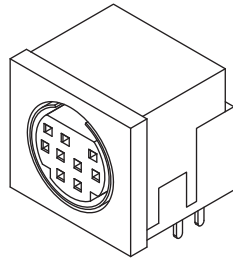
PCB LAYOUT TOP VIEW

MD-80S

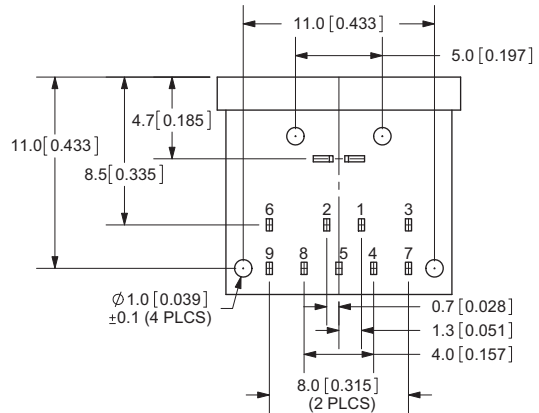
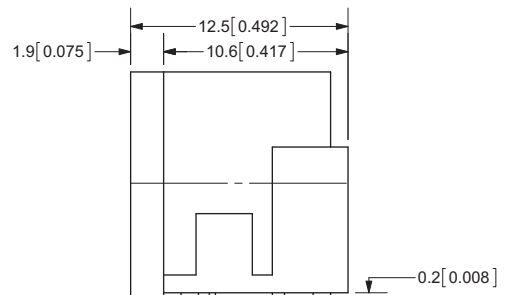


PCB LAYOUT TOP VIEW

MD-90S



PCB LAYOUT TOP VIEW



REVISION HISTORY

| rev. | description | date |
|------|----------------------|------------|
| 1.0 | initial release | 02/23/2006 |
| 1.01 | new template applied | 02/16/2012 |
| 1.02 | housing updates | 03/29/2012 |

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



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