SERIES: MD-XXSMK | DESCRIPTION: MINI DIN CONNECTOR

FEATURES

- PCB mount
- right angle
- $\ensuremath{\bullet}$ side shielded with kinked pins





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 |

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MECHANICAL DRAWINGS

units: mm[inches]

TOLERANCE: ±0.2mm





| | MATERIAL | PLATING |
|-------------------------|-----------------|---------|
| earth terminal | brass | tin |
| contact terminals (1~8) | phosphor bronze | silver |
| shield plate | steel | tin |
| housing | РВТ | |



MD-50SMK



13.5[0.531]

E

6.8[0.268]

PCB LAYOUT TOP VIEW

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 $\overset{5}{\oplus}$

- 1.3[0.051]

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4.7[0.185]

8.5[0.335] (3 PLCS)

0.7X2.2 (3 PLCS)

5.5[0.217] (2 PLCS)

> Ø0.9±0.1 [0.035]

(5 PLCS)



<u>MD-30SMK</u>





MD-40SMK



REVISION HISTORY

| rev. | description | date | |
|------|----------------------|------------|--|
| 1.0 | initial release | 02/23/2006 | |
| 1.01 | new template applied | 02/22/2012 | |

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



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