SERIES: SD | DESCRIPTION: STANDARD DIN CONNECTOR

FEATURES
• strain relief
• 3~13 pins
• 100 Vac rated

PART NUMBER KEY

SD - XX

Base Number | Pin Options
---|---
30 = 3 pins
40 = 4 pins
50 = 5 pins, 180 degrees
60 = 6 pins
70 = 7 pins
80 = 8 pins, 270 degrees
81 = 8 pins, 262 degrees
130 = 13 pins

SPECIFICATIONS

<table>
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<tr>
<th>parameter</th>
<th>conditions/description</th>
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<th>typ</th>
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<td>at 12 Vdc</td>
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<td>Vdc</td>
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MECHANICAL DRAWINGS

units: mm [inches]
tolerance: ±0.1 mm

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<th>SERIES</th>
<th>DESCRIPTION: STANDARD DIN CONNECTOR</th>
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<tbody>
<tr>
<td>SD</td>
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</table>

- **MATERIAL**
  - contact pins (30~80): brass
  - contact pins (81, 130): brass
  - shell: steel
  - insulator (30~80, 130): PBT
  - insulator (81): ABS
  - boot: EVA

- **PLATING**
  - contact pins (30~80): nickel
  - contact pins (81, 130): silver
  - shell: nickel
  - insulator (30~80, 130): nickel
  - insulator (81): ABS
  - boot: EVA

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**SD-30**

- Ø15.8 [0.622]
- Ø1.5 [0.059] (TYP)
- 0.7 [0.028]
- Ø13.1 [0.516] ±0.15

**SD-40**

- 45°

**SD-50**

- 9.0 [0.354]
- 50.6 [1.992] ±0.2
- Ø6.5 [0.256] ±0.15

**SD-60**

- 60°

**SD-70**

- 72°

**SD-80**

- 45°

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Additional Resources: [Product Page](#) | [3D Model](#)
units: mm[inches]
tolerance: ±0.1 mm

**SD-81**

**SD-130**
MECHANICAL ASSEMBLY

STEP 1
solder wires to housing (3), assemble metal shield pieces (2) onto housing (3)

STEP 2
slide cover (1) over metal shield (2)

Note: SD-130 has solid solder pins. All other models have solder cups.
### REVISION HISTORY

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