

**SERIES:** SD-J | **DESCRIPTION:** STANDARD DIN CONNECTOR**FEATURES**

- plastic bushing
- strain relief
- 3~13 pin options

**PART NUMBER KEY****SD - XX J**

Base Number

Pin Options

30\* = 3 pins  
40\* = 4 pins  
50\* = 5 pins  
60\* = 6 pins  
70 = 7 pins  
80\* = 8 pins  
81 = 8 pins  
130\* = 13 pins

Note: \*. Discontinued SD-30J, SD-40J, SD-50J, SD-60J, SD-80J &amp; SD-130J models.

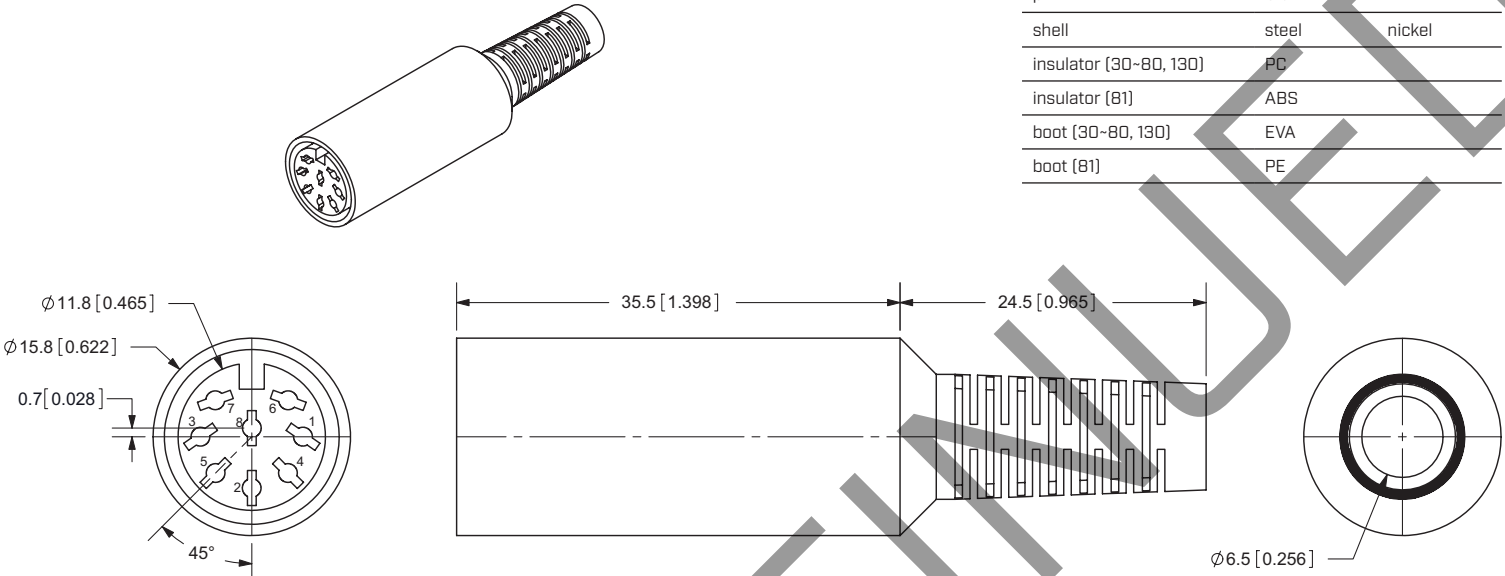
**SPECIFICATIONS**

| parameter             | conditions/description  | min | typ | max   | units |
|-----------------------|-------------------------|-----|-----|-------|-------|
| rated input voltage   |                         |     | 100 |       | Vac   |
| rated input current   |                         |     |     | 2     | A     |
| contact resistance    |                         |     |     | 50    | mΩ    |
| insulation resistance | at 500 Vdc              | 100 |     |       | MΩ    |
| voltage withstand     | at 50/60Hz for 1 minute |     |     | 1,000 | Vac   |
| operating temperature |                         | -5  |     | 110   | °C    |
| RoHS                  | yes                     |     |     |       |       |

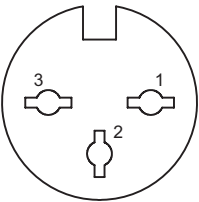
MECHANICAL DRAWINGS

units: mm[inches]  
tolerance: ±0.1mm

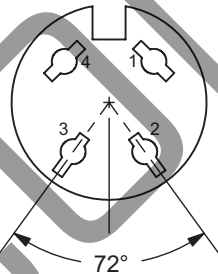
|                        | MATERIAL | PLATING |
|------------------------|----------|---------|
| pins                   | brass    | silver  |
| shell                  | steel    | nickel  |
| insulator (30-80, 130) | PC       |         |
| insulator (81)         | ABS      |         |
| boot (30-80, 130)      | EVA      |         |
| boot (81)              | PE       |         |



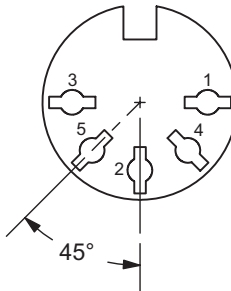
**SD-30J**



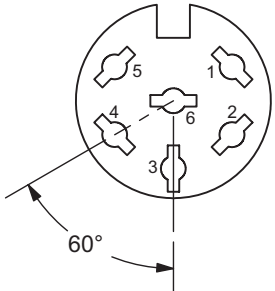
**SD-40J**



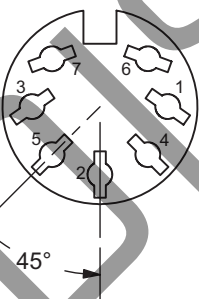
**SD-50J**



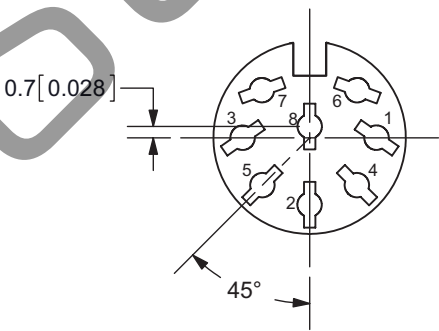
**SD-60J**



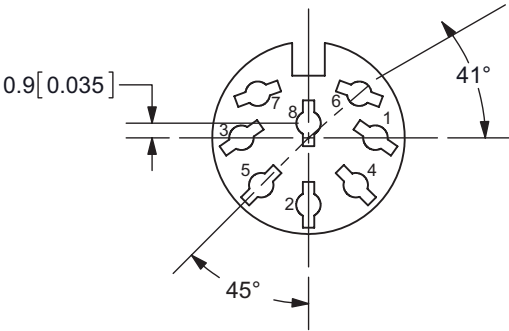
**SD-70J**



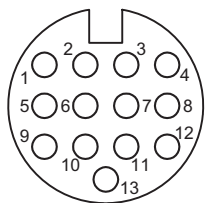
**SD-80J**



**SD-81J**



**SD-130J**



## REVISION HISTORY

| rev. | description                                                          | date       |
|------|----------------------------------------------------------------------|------------|
| 1.0  | initial release                                                      | 02/23/2006 |
| 1.01 | new template applied                                                 | 02/22/2012 |
| 1.02 | corrected center pin positioning on SD-80J and SD-81J                | 10/01/2013 |
| 1.03 | updated datasheet                                                    | 05/13/2015 |
| 1.04 | updated datasheet                                                    | 09/08/2017 |
| 1.05 | updated datasheet                                                    | 07/24/2018 |
| 1.06 | brand update                                                         | 02/19/2020 |
| 1.07 | logo, datasheet style update                                         | 08/05/2022 |
| 1.08 | discontinued models SD-30J, SD-40J, SD-50J, SD-60J, SD-80J & SD-130J | 09/26/2022 |

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



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