



| Item | Name      | Material         | Finish |
|------|-----------|------------------|--------|
| 1    | Pin       | Brass            | Silver |
| 2    | Spring    | Phosphor bronze  | Silver |
| 3    | Terminal  | Brass            | Silver |
| 4    | Housing   | PBT              | Black  |
| 5    | Bushing   | Brass            | Nickel |
| 6    | Pin       | Copper           | Nickel |
| 7    | Insulator | Vulcanized fiber | Red    |
| 8    | Insulator | Vulcanized fiber | Red    |

**SPECIFICATIONS**  
 Voltage rating: 16 VDC  
 Current rating: 2 amps  
 Contact resistance: 100 milliohms min. at 500VDC  
 Insulation resistance: 100 megohms min. at 500V  
 Withstanding: 500VAC for 1 min.  
 Insertion/extraction: 0.3-3 Kgr.s

| Series        | Style     | Pin Diameter       | Schematic       | Plating  | Options                          |
|---------------|-----------|--------------------|-----------------|----------|----------------------------------|
| DCJ           | 554       | X                  | C               | S        | X                                |
| DC power jack | 554 style | C=2.0mm<br>D=2.5mm | Normally closed | S=Silver | 1=No hardware<br>3=With hardware |

RoHS compliant

| Rev. | Description | Date | Approved | Drawing    | Name        | Date        |
|------|-------------|------|----------|------------|-------------|-------------|
|      |             |      |          | Approved   | Howard      | 12/23/09    |
|      |             |      |          | Checked    | Lizzy       | 12/23/09    |
|      |             |      |          | Drawn      | Tina        | 12/23/09    |
|      |             |      |          | 0.0 ± 0.35 | 0.00 ± 0.20 | Angles ± 3' |
|      |             |      |          | UNIT: mm   |             |             |

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Part No.: **DCJ-554-X-C-S-X**

Description: DC power jack