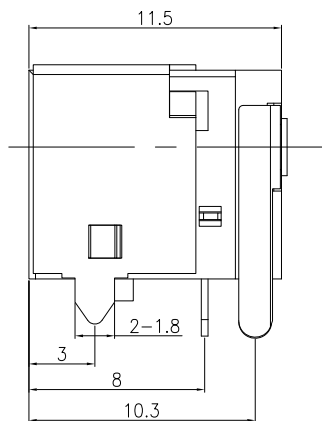
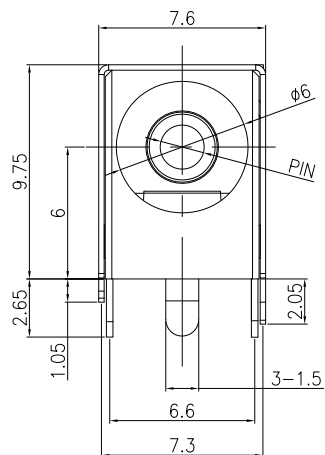


| Part No.     | CDCJ-16XRDB0-47 | CDCJ-20XRDB0-47 | CDCJ-23XRDB0-47 | CDCJ-25XRDB0-47 |
|--------------|-----------------|-----------------|-----------------|-----------------|
| PIN          | 1.65            | 2.0             | 2.35            | 2.5             |
| DC MATE PLUG | 4.75            | 5.5             | 5.5             | 5.5             |

### Specification:

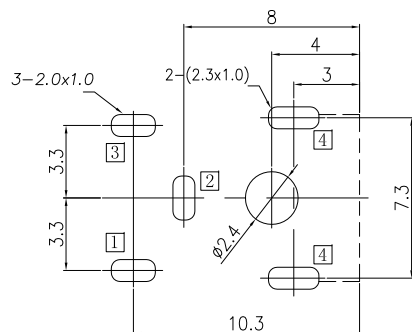
- Rating: DC 30V 1A
- Contact Resistance: 0.03Ω Max.  
After Life Test: 0.05Ω Max.
- Insulation Resistance: 100MΩ Min. (500V DC)  
After Life Test: 50MΩ Min.
- Withstand Voltage: 500V AC.
- Insertion and Extraction Force: 3N~30N.
- Life Test: 5,000 Cycles Min.
- Operation Temperature Range: -20℃~70℃.
- Reservation Temperature Range: -40℃~85℃.

### Part Number:

CDCJ-XXXXRDB0-47

DC Power Jack  
XX: Center Pin  
16: 1.65mm  
20: 2.0mm  
23: 2.35mm  
25: 2.5mm

47: Product Number  
0: Black Color  
B: Ag Plating  
D: DIP Type  
R: Right Angle  
2: 2Pins  
3: 3Pins



RECOMMENDED P. C. B. LAYOUT  
UNSPECIFIED TOLERANCE:  $\pm 0.10$   
(COPPER-SIDED VIEW)

| 6   | SHIELD              | 1   | BRASS         | Nickel Plating  |
|-----|---------------------|-----|---------------|-----------------|
| 5   | SHUNT TERMINAL      | 1   | BRASS         | Silver Plating  |
| 4   | TIP SPRING          | 1   | SUS301        | Silver Plating  |
| 3   | CENTER PIN TERMINAL | 1   | BRASS         | Silver Plating  |
| 2   | CENTER PIN          | 1   | BRASS         | Ninckel Plating |
| 1   | HOUSING             | 1   | PBT, UL94 V-0 | Black           |
| NO. | DESCRIPTION         | QTY | MATERIAL      | REMARK          |

| A                                                                      | 09/29/12      | RELEASED FOR PRODUCTION                          |            |
|------------------------------------------------------------------------|---------------|--------------------------------------------------|------------|
| REV                                                                    | DATE          | DESCRIPTION                                      |            |
| UNLESS OTHERWISE SPECIFIED,<br>DIMENSIONS ARE IN MM<br>TOLERANCES ARE: |               | CAD GENERATED DRAWING,<br>DO NOT MANUALLY UPDATE |            |
| DECIMALS                                                               | ANGLES        | APPROVALS                                        | DATE       |
| .X $\pm .38$                                                           | $\pm 3^\circ$ | DRAWN Chris                                      | 09/29/12   |
| .XX $\pm .25$                                                          |               | CHECKED Cindy                                    | 09/29/12   |
| .XXX $\pm .20$                                                         |               | APPV Jason                                       | 09/29/12   |
| DO NOT SCALE DRAWING                                                   |               | SHEET 1 OF 1                                     | SCALE NONE |
|                                                                        |               | DWG. NO. CDCJ-XXX-047                            | REV. A     |



凱聯科技股份有限公司  
Conn-Link Technology Inc.

DESCRIPTION DC Power Jack, Center Pin X.XXmm/6.0mm  
Right Angle, DIP, With Shield, H=9.75mm, Black Color