The DX4 Series is a compact and slim connector that is compatible with the Micro-USB type USB connector, newly standardized by the USB Implementers Forum, Inc.

**Features**
- Compatible with Universal Serial Bus Micro-USB Cables and Connectors Specification, Revision 1.01
- Connector type: Type B
- Slim, space saving connector with 2.35mm height, 5mm depth
- Available in through-hole mount type and surface mount type
- Structure with enhanced resistant to twisting through use of high strength stainless steel.

**General Specifications**
- No. of contacts: 5 pos.
- Contact resistance: 30m ohm max. (initial)
- Dielectric withstanding voltage: DC500 per minute
- Insulation resistance: 1000M ohm (initial)
- Rated voltage: 1.8A (Vbus, GND)  
  Others 0.5A
- Rated Voltage: AC30Vrms
- Operating temperature: -30 Deg. C to +80 Deg. C
- Durability: 10,000 times
### Materials and Finishes

<table>
<thead>
<tr>
<th>Component</th>
<th>Material/ Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulator</td>
<td>Glass filled nylon resin UL94V-0</td>
</tr>
<tr>
<td>Contact</td>
<td>Copper alloy/ Contact area: Au plating over Pd over Ni Terminal area: Au flash plating over Ni</td>
</tr>
<tr>
<td>Shell</td>
<td>Stainless steel/ Sn plating over Ni</td>
</tr>
</tbody>
</table>

### Ordering Information

**DX4R005J91R1500**

- **Series**: DX: Micro-USB
- **R**: Receptacle
- **Plating specification**: 9: Contact portion: Au plating over Pd over Ni
- **Board connection type**: J: Through-hole type H: SMT type
- **Reel**: 1500 pcs.

### Micro-USB Connector Type

<table>
<thead>
<tr>
<th>Type B</th>
<th>Part Number</th>
<th>SJ Drawing</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Individual Product (Through-hole Type): DX4R005J91</td>
<td>SJ107045</td>
<td></td>
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<tr>
<td></td>
<td>Reel (Through-hole Type): DX4R005J91R1500</td>
<td>SJ107053</td>
<td>JACS-30097</td>
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<td></td>
<td>Individual Product (SMT Type): DX4R005H91</td>
<td>SJ107089</td>
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<td>Reel (SMT Type): DX4R005H91R1500</td>
<td>SJ107387</td>
<td></td>
</tr>
</tbody>
</table>

Note: Please place your order in reel units.
Notice: Products shown in this leaflet are made for the applications listed below. However, if the above-mentioned products are to be used in aerospace devices, marine cable-connection devices, atomic power control systems, medical equipment for life-support systems, or any other specific application requiring extremely high reliability, please contact JAE for further information.

Recommended applications: computers, office machines, measuring devices, telecommunication devices (terminals, mobile devices), AV devices, household applications, FA devices, etc.
Click to View Pricing, Inventory, Delivery & Lifecycle Information:

**JAE Electronics:**
- DX4R005J91R1500
- DX4R005H91R1500