



Micro USB 2.0 Connector Product Presentation

Commercial Portfolio



Micro USB Receptacle 2.0 Connector



Extremely small high reliability connectors comply with physical, electrical and environmental requirements of Micro-USB standard (USB 2.0).

Space receptacles are available in a wide variety of mounting and termination configurations, permitting their use in various applications.

Micro USB Receptacle 2.0 Connector



Product Facts

- USB 2.0 Compatible
- The size is smaller than Mini USB
- Offer Standard, Mid mound, and Reverse version
- Full metal shielding for EMI / ESD protection
- Supports On-The-Go (OTG)
- Accessible and convenient for users
- Specified for up to 10,000 insertion cycles
- Ensure maximum receptacle to PCB retention
- Replacing the need for adapters and power and allows convenient recharging and communication
- Available in UL94V-0 flammability
- RoHS compliance and Lead-free

Performance Characteristics

- Durability : 10,000 cycles
- Contact Resistance : 10m Ω max
- Insulation Resistance : 1000M Ω Min
- Contact current rating : 1A
- Voltage rating : 100 VAC
- Mating Force : 35N
- Unmating Force : 10N
- Operating temperature range : -55°C to +85°C

Specifications

- Contact: Copper alloy
- Contact area: 30 μ m. Au over nickel
- Solder tail area: Au flash over nickel
- Shield: Stainless steel
- Pure tin plating: 10104110, 10104111, 10103592, 10103594
- Matte tin plating: 10118192, 10118193 and 10118194
- Nickel plating: 10103593
- Housing: High temperature thermoplastic resin
- Black color for B-type
- Gray color for AB-type

Technical Documents

- Product Spec : GS-12-641
- Packaging Spec : GS-14-2180 & GS-14-1466

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FCI		
Product P/N	Product Description	Picture
10103592-0001LF	Micro-USB 2.0 B Type Rec, Reverse,DIP	
10103593-0001LF	Micro-USB 2.0 B Type Rec, STD , Mid-mount	
10103594-0001LF	Micro-USB 2.0 B Type Rec, STD,SMT+DIP	
10104110-0001LF	Micro-USB 2.0 B Type Rec, STD,SMT	
10104111-0001LF	Micro-USB 2.0 A/B Type Rec, STD,SMT	
10118192-0001LF	Micro-USB 2.0 B Type Rec, STD,SMT	
10118193-0001LF	Micro-USB 2.0 B Type Rec, STD,2 DIP Legs	
10118194-0001LF	Micro-USB 2.0 B Type Rec, STD,4 DIP Legs	

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Features	Benefits
<ul style="list-style-type: none">• The size is smaller than Mini-USB	<ul style="list-style-type: none">• The choice of interconnect solution of mobile phone makers
<ul style="list-style-type: none">• Offer Standard, Mid mound, and Reverse version	<ul style="list-style-type: none">• Flexible application in various situations
<ul style="list-style-type: none">• Specified for up to 10,000 insertion cycles	<ul style="list-style-type: none">• Ensure maximum receptacle to PCB retention
<ul style="list-style-type: none">• Replacing the need for adapters and power	<ul style="list-style-type: none">• Allows convenient recharging and communication
<ul style="list-style-type: none">• Full metal shielding	<ul style="list-style-type: none">• For EMI / ESD protection
<ul style="list-style-type: none">• Supports On-The-Go (OTG)	<ul style="list-style-type: none">• Accessible and convenient for users
<ul style="list-style-type: none">• Available in UL94V-0 flammability	<ul style="list-style-type: none">• High flammability rating
<ul style="list-style-type: none">• RoHS compliance and Lead-free	<ul style="list-style-type: none">• Meets environmental, health and safety requirements

Markets and Applications

Consumer



Smartphone

Camcorder



Micro USB 2.0



Smartwatch

Bluetooth Headphone



MP3 Player



Micro USB 2.0



Markets and Applications

Consumer



Tablet



Reader



GPS

Micro USB 2.0

Laptop Coolers



Markets and Applications

Communication & Industrial



Field PC



Micro USB 2.0



Satellite Phone





THANK YOU

