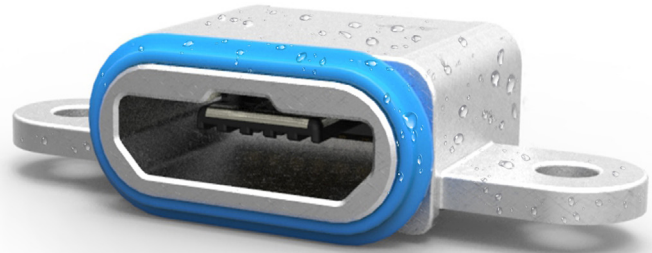


# INTRODUCING WATERPROOF IP68 MICRO USB2.0 CONNECTOR

- Provide IP68 water and dust protection
- Conform to the micro USB 2.0 performance specification



As consumer electronics are getting thinner and smaller, they are becoming increasingly vulnerable to water and dust. Being able to support electronic devices with waterproof and dustproof components is just as important as footprint compatibility. With this in mind, TE Connectivity (TE) introduces our Waterproof IP68 Micro USB Connector Type B, designed to seal the connector perimeter preventing moisture and debris from penetrating inside the shell, supporting an improved user experience.

## BENEFITS

- Prevent intrusion of water and other particulate materials with IP68 (immersion to 1.5m depth for a minimum of 30 minutes) sealing protection
- Provide improved signal separation and enhanced mechanical stability with staggered contact design
- Offer the lowest profile product integrating a metal shield and waterproof structure into one piece
- Prevent electrical short circuits with metal reinforcement plate to protect internal contacts
- Allow for easy integration of the connector in a device with the circular interface of the main shell
- Easily integrate and position in the final application with screw mounting ears

## ELECTRICAL

- USB2.0
- Voltage rating 30V
- Current rating 1.8A (power pins only)

## MECHANICAL

- 10,000 mating cycles
- Soldering strength 80N min
- Reversed mating strength 50N min
- Compulsory Insertion strength 250N min

## APPLICATIONS

- Wearables
- Handheld medical devices
- Bar code scanners
- Portable printers
- Glucose meter
- Portable music players
- Digital cameras and camcorders
- GPS units
- Home electronics
- Security control panels
- Industrial handheld equipment

## MATERIALS

- Potting: Silicone Black
- Reinforcement and hold plate: Stainless Steel
- Housing: Thermoplastic Black
- Contacts: Copper Alloy Selectively Au plated
- MIM shell Stainless Steel

## STANDARDS & SPECIFICATIONS

- PRODUCT SPECIFICATION: 108-61223
- COMPLIANT SEAL RING: 2108883-1
- ROHS COMPLIANT

## LEARN MORE

[IP68 Waterproof Micro USB2.0 Connector Overview](#)  
[IP68 Waterproof Micro USB2.0 Connector presentation](#)  
[USB 2.0 Micro Connector Overview](#)  
[Connectors for mobile devices QRG](#)  
[Micro USB connector AB Type splash-proof product presentation](#)

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