



## Introducing Circular Sealed USB Connector

To support the increasingly wide-spread use of the USB standard industrial applications, TE Connectivity has added industrial ruggedized connectors to its USB connector family. The Circular Sealed USB connector provides the popular High Speed USB standard for outdoor factory-floor and harsh environment applications where regular USB connectors do not offer the required level of ruggedness.

### KEY FEATURES

- IP 67 sealing performance
- 1/4 turn bayonet coupling ring
- Standard A plug and standard B plug
- Through-panel mating receptacles
- Pre-made standard length cable assemblies
- Available in both plastic and metal shell configurations
- USB 2.0 compliant

### APPLICATIONS

- Human Machine Interface (HMI) - Panels
- Machine Vision
- Printers
- Barcode Readers
- Mass Storage

### ELECTRICAL

- Voltage Rating — 30VAC (rms)
- Data Rate – 480Mbits/s

### OPERATING EFFICIENCY

Circular sealed USB connectors make the popular USB interface available for use-cases with tough environmental requirements. The panel-mount receptacle, for instance, offers a fast ruggedized up-load port that avoids downtime for opening a control cabinet.

### MECHANICAL

- IP 67 protection level
- Operating Temp. -40 °C to +85 °C

### STANDARDS AND SPECIFICATIONS

- USB 2.0 compliant
- Product specifications 108-2318
- Application specifications 114-13211

### MATERIALS

- Housing (Plastic) – High temperature thermoplastic, UL94V-0, black
- Housing (Metal) – Chrome Plated Zinc Die Cast Gasket, UL94 HB, UV Resistant Gasket Material
- Contact – Brass, gold plated on contact area, nickel underplated
- Shield – Steel, nickel plated, copper underplated

### PRODUCT OFFERING

Part Number	Description
1954637-1	Plug Kit, USB Series A
1954640-1	Plug Kit, USB Series B
1954643-1	Recpt Kit, Series A to Series A
1903815-1	Industrial USB Rec Assy R/A 2Row
2058362-1	Plug Kit, USB Series A, Metal Shell
2058363-1	Plug Kit, USB Series B, Metal Shell
2058364-1	Recpt. Kit, Series A to A
2058365-1	Recpt Kit, Series B to A

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