FEED THROUGH CONNECTOR · DATASHEET

USB3 Feed Through Connector

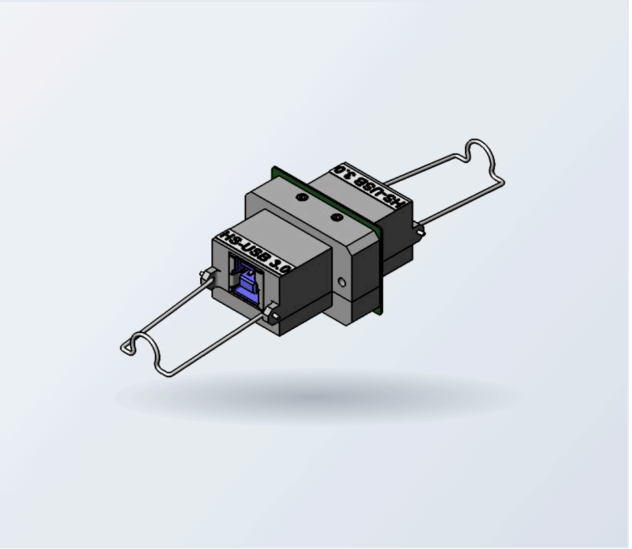
MA090578

BLUELEC
Part of JOT Automation

The **MA090578** is a panel-mount feed through connector for routing USB3.0 signals through the wall of an RF-shielded enclosure. It presents a USB3.0 Type-B receptacle on the front face and a USB3.0 Type-A receptacle on the rear.

The casing is milled from aluminium, preserving the shielding effectiveness of the enclosure at the panel penetration. Integrated redriver circuitry compensates for insertion loss and maintains SuperSpeed signal integrity across the feed through.

Delivered with a conductive EMC shielding gasket for panel mounting. Intended for RF-shielded test enclosures in production testing, R&D, and certification environments.



SPECIFICATIONS

Connector, front	**USB3.0 Type-B**
Connector, rear	**USB3.0 Type-A**
Dimensions (L×W×H)	**56 × 39 × 27 mm (2.20 × 1.54 × 1.06 in)**
Material	**Milled aluminium**
Signal integrity	**Integrated redriver**
Panel mounting	**EMC gasket included**

RF isolation (specific attenuation, dB) is installation-dependent and is verified by customers in their applied setup.

KEY FEATURES

- Panel feed through for USB3.0 SuperSpeed signals
- Milled aluminium casing for RF isolation
- Integrated redriver maintains signal integrity
- Conductive EMC gasket for shielded panel mounting

ENVIRONMENTAL

Operating temperature	**0 – 60 °C**
Storage temperature	**−20 … +70 °C**
Relative humidity	**15 – 95 % non-condensing**
Compliance	**RoHS**

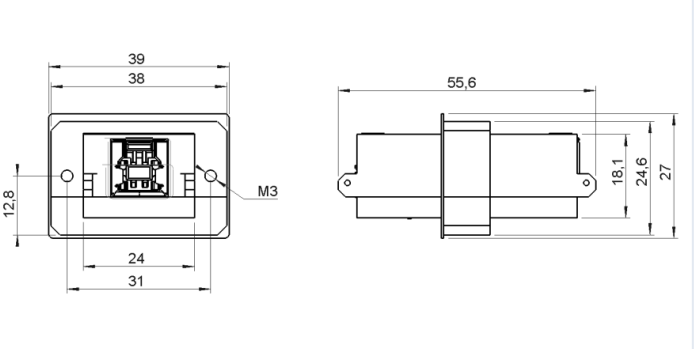
RELATED PRODUCTS

MA089078	USB2.0 A-A Feed Through Connector
TX001597-3	USB Feed Through Connector
MA015444	RJ45 Feed Through Connector
MA016426	RJ45 Feed Through Connector Block 2×2
MA015460	HDMI Feed Through Connector

Contact **sales@bluelec.com** for other interfaces and custom feed through solutions.

DIMENSIONS

mm



3D CAD models available on request via **sales@bluelec.com**

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