Micro-USB 2.0 Test Connector - Left

EM077972-0

BLUELEC
Part of JOT Automation

The **EM077972-0** is a Micro-USB 2.0 test connector with a left-angled receptacle, mating the DUT (Device Under Test) to the test system. It is a reliable, durable and highly accurate replacement for commercial cables and connectors in high-volume production testing.

The Micro-AB receptacle accepts both Micro-A and Micro-B plugs, covering all mobile device types with Micro-USB; the receptacle exits to the left of the plug axis for tight or side-access fixtures. It meets the electrical, mechanical and environmental performance requirements of USB 2.0.

Designed for production testing, product development, repair and service centres, and laboratory use.



ELECTRICAL

Max. current (power, pins 1, 5)	**0.85 A**
Max. current (signal, pins 2, 3, 4)	**0.85 A**
Max. voltage	**20 Vrms**
Dataline diff. impedance	**90 Ω**

MECHANICAL

Mating force	**4 N (typ.)**
Unmating force	**3 N (typ.)**
Durability	**50 000 cycles (typ.)**

ENVIRONMENTAL

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

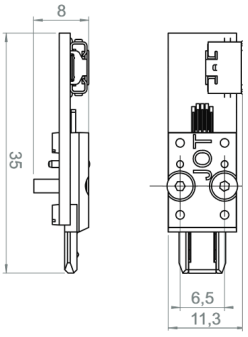
PINOUT

Micro-USB

Pin	Name	Function
1	**VBUS**	Power
2	**D−**	Data −
3	**D+**	Data +
4	**ID**	OTG identification
5	**GND**	Ground

DIMENSIONS

mm



OPTIONAL ACCESSORIES

MA030684 Float unit for the Micro USB Test Connector — compensates for positional misalignment in automated test fixtures. Sold separately.

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

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