RJ12 (6P6C) Test Connector

MA009685

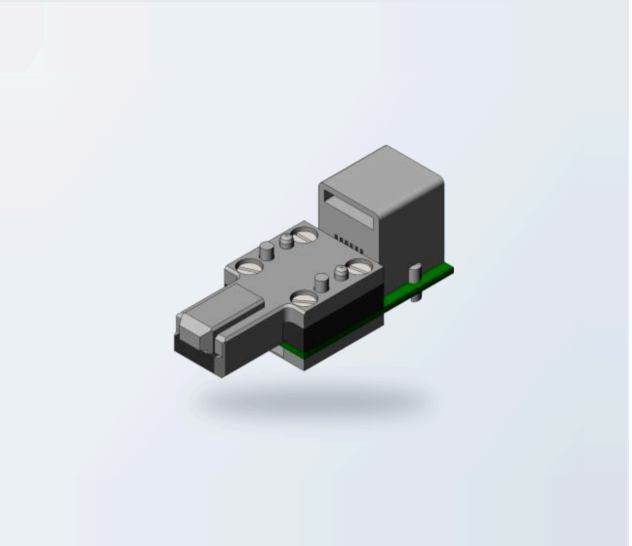
BLUELEC
Part of JOT Automation

The **MA009685** RJ12 (6P6C) Test Connector is a 6-position, 6-contact test plug with straight signalling, designed for testing the modular 6P6C (RJ12) interface between the DUT (Device Under Test) and the test system. A reliable, durable and highly accurate replacement for commercial cables and connectors.

All six conductors are routed straight through (1:1). Low mating and unmating forces minimise mechanical stress on the DUT connector.

The transmission of high data rates can be achieved — recommended to be verified in the applied test setup.

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



ELECTRICAL

Max. current	**0.75 A**
Max. voltage	**20 Vrms**

MECHANICAL

Mating force	**9 N (typ.)**
Unmating force	**4 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**

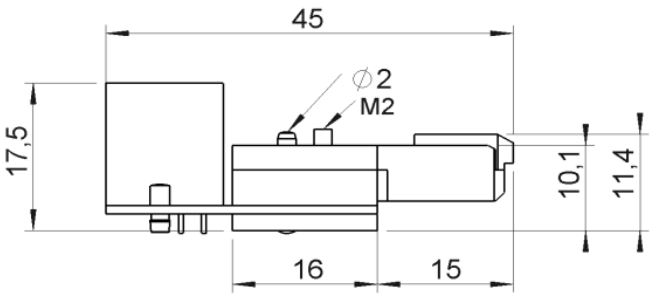
PINOUT

straight 1:1

Socket		Plug
1	→	1
2	→	2
3	→	3
4	→	4
5	→	5
6	→	6

DIMENSIONS

mm



OPTIONAL ACCESSORIES

MA093536 Float unit for the RJ12 (6P6C) 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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