DisplayPort Test Connector

MA018534

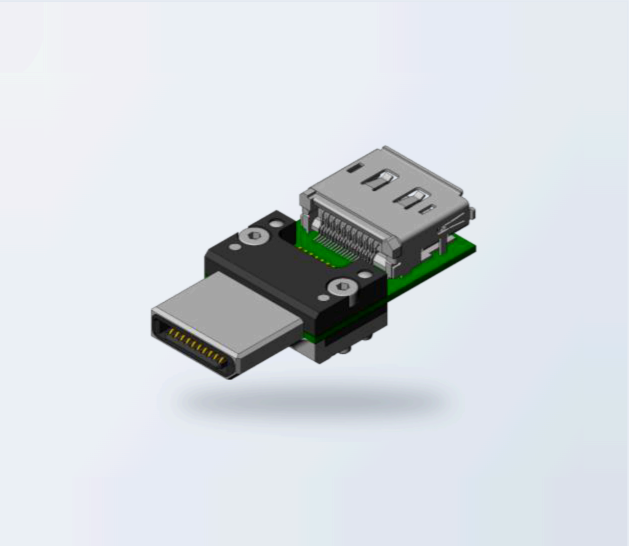
BLUELEC
Part of JOT Automation

The **MA018534** is a 20-pin test connector with straight signalling, designed for testing the DisplayPort interface between the DUT (Device Under Test) and the test system. A reliable, durable and highly accurate replacement for commercial cables and connectors.

All four main-link lanes (ML_LANE_0–3) are routed as differential pairs at 100 Ω impedance, together with the AUX channel, hot-plug (HPG), CONFIG_1/2, DP_PWR and PWR_GND signals.

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	**0.4 A**
Max. voltage	**20 Vrms**
Dataline diff. impedance	**100 Ω**

MECHANICAL

Mating force	**12 N (typ.)**
Unmating force	**6 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**

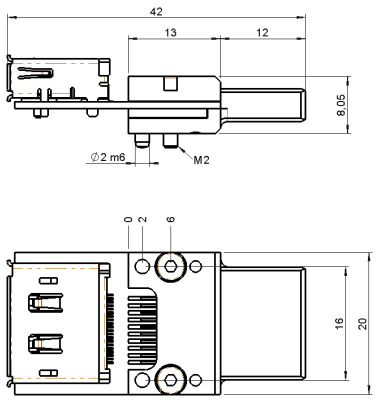
PINOUT

socket/plug

Pin	Name	Pin	Name
1	ML_LANE_0_P	11	GND
2	GND	12	ML_LANE_3_N
3	ML_LANE_0_N	13	CONFIG_1
4	ML_LANE_1_P	14	CONFIG_2
5	GND	15	AUX_P
6	ML_LANE_1_N	16	GND
7	ML_LANE_2_P	17	AUX_N
8	GND	18	HPG
9	ML_LANE_2_N	19	PWR_GND
10	ML_LANE_3_P	20	DP_PWR

DIMENSIONS

mm



OPTIONAL ACCESSORIES

MA092681 Float unit for the DisplayPort Test Connector — compensates for positional misalignment in automated test fixtures. Sold separately.

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

© 2026 Bluelec Oy. All rights reserved.
sales@bluelec.com · www.bluelec.com