Test Connectors for Standard Interfaces - Overview

- TC-P 205 004 USB 2.0 A
- TC-P 198 009 USB 3.0 A
- TC-P 198 005 USB 2.0 B mini
- TC-P 195 005 USB 2.0 B micro
- TC-P 201 004 RJ 09
- TC-P 201 006 RJ 11

- TC-P 201 008 RJ 45
- TC-P 201 010 RJ 50
- TC-P 197 019 HDMI 1.4
- TC-P 200 001 F QF
- TC-P 196 002 RCA
Test Connector for USB 2.0

USB 2.0 connector (4-pin) for contacting USB interfaces
(used for USB-devices like hard disks, data carriers, chargers, etc.)

→ Report on USB type A
→ Smooth contact to test item (front view)
→ Simple connection to the test system with standard USB-connector (back view)
→ Up to 200,000 touchdowns without the need of exchanging the contact

Order Code: TC-P 205 004 USB 2.0 A

Max. Data Rate: 480 Mbit/s
Voltage: 25 VAC / 60 VDC
Current: 1,5 A at 25° C
Resistance: < 30 mOhm
Temperature: - 20° to +75° C
Test Connector for USB 3.0

USB 3.0 connector (9-pin) for contacting USB interfaces (used for high speed USB-devices like hard disks, data carriers, chargers, etc.)

- Report on USB 3.0 type A
- Smooth contact to test item (front view)
- Simple connection to the test system with standard USB-connector (back view)
- Up to 50,000 touchdowns without the need of exchanging the contact

Max. Data Rate: 4 Gbit/s
Voltage: 25 VAC / 60 VDC
Current: 1.5 A at 25° C
Resistance: < 50 mOhm
Temperature: -20° to +75° C

Order Code: TC-P 198 009 USB 3.0 A
Test Connector for Mini USB

Mini USB 2.0 connector (5-pin) for contacting Mini USB interfaces (used for small USB-devices like cameras, mobile phones, music players, hard disks, data carriers etc.)
- Report on mini USB type B
- Smooth contact to test item (front view)
- Simple connection to the test system with standard USB-connector (back view)
- Up to 200,000 touchdowns without the need of exchanging the contact

Max. Data Rate: 480 Mbit/s
Voltage: 25 VAC / 60 VDC
Current: 1.0 A at 25°C
Resistance: < 50 mOhm
Temperature: 0°C to +50°C

Order Code: TC-P 198 005 USB 2.0 B mini
Test Connector for Micro USB

Micro USB 2.0 connector (5-pin) for contacting Micro USB interfaces (used for small USB-devices like cameras, mobile phones, music players, hard disks etc.)
→ Report on micro USB type B
→ Smooth contact to test item (front view)
→ Simple connection to the test system with standard USB-connector (back view)
→ Up to 200,000 touchdowns without the need of exchanging the contact

Max. Data Rate: 480 Mbit/s
Voltage: 25 VAC / 60 VDC
Current: 1.0 A at 25° C
Resistance: < 30 mOhm
Temperature: -20° to +75° C

Order Code: TC-P 195 005 USB 2.0 B micro
Test Connector for RJ-9

Test solution for RJ-9 (4-pin) connectors (used e.g. for micro telephones and headsets).
- Smooth contact to test item (front view)
- Simple connection to the test system with standard RJ-9-connector (back view)
- Up to 200,000 touchdowns without the need of exchanging the contact

Order Code: TC-P 201 004 RJ 09

Max. Data Rate: 1 Gbit/s
Voltage: 25 VAC / 60 VDC
Current: 1,5 A at 25° C
Resistance: < 20 mOhm
Temperature: -20° to +75° C

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Test Connector for RJ-11

Test solution for RJ-11 (6-pin) connectors (used e.g. for data networks, data transfer, power supply, microphones etc.)

→ Smooth contact to test item (front view)
→ Simple connection to the test system with standard RJ-11-connector (back view)
→ Up to 200,000 touchdowns without the need of exchanging the contact

Order Code: TC-P 201 006 RJ 11

Max. Data Rate: 1 Gbit/s
Voltage: 25 VAC / 60 VDC
Current: 1.5 A at 25° C
Resistance: < 20 mOhm
Temperature: -20° to +75° C
Test Connector for RJ-45

Test solution for RJ-45 (8-pin) connectors (used for network cables, Ethernet interfaces, etc.)

- Report on RJ45 sockets
- Smooth contact to test item (front view)
- Simple connection to the test system with standard RJ-45-connector (back view)
- Up to 200,000 touchdowns without the need of exchanging the contact

Order Code: TC-P 201 008 RJ 45

Max. Data Rate: 1 Gbit/s
Voltage: 25 VAC / 60 VDC
Current: 1,5 A at 25° C
Resistance: < 20 mOhm
Temperature: -20° to +75° C
Test Connector for RJ-50

Test solution for RJ-50 (10 pin) connectors (used e.g. for data networks, data transfer, power supply, microphones etc.)

- Smooth contact to test item (front view)
- Simple connection to the test system with standard RJ-50-connector (back view)
- Up to 200,000 touchdowns without the need of exchanging the contact

**Order Code:** TC-P 201 010 RJ 50

### Specifications

- **Max. Data Rate:** 1 Gbit/s
- **Voltage:** 25 VAC / 60 VDC
- **Current:** 1,5 A at 25° C
- **Resistance:** < 20 mOhm
- **Temperature:** - 20° to +75° C

### Dimensions

- Front view: 7.6, 6.6, 8.8
- Back view: 27.4, 20.6, 12.8, 18.4
- Overall dimensions: 39.6, 62.2
Test Connector for HDMI

Test solution for HDMI (19-pin) connectors (used for video and audio applications).
- Smooth contact to test item (front view)
- Easy way to connect on your HDMI (big chamfer) connector (back view)
- Up to 50,000 touchdowns without the need of exchanging the contact

Max. Data Rate: 8.16 Gbit/s
Voltage: 25 VAC / 60 VDC
Current: 0.5 A at 25° C
Resistance: < 20 mOhm
Temperature: -20° to +75° C

Order Code: TC-P 197 019 HDMI 1.4
Test Connector F-Type

Test solution for F-type connectors (used e.g. for antenna cables and routers).

- Connector with QF (Quickfix) function
- Smooth contact to test item (front view)
- Simple connection to the test system with standard F-type connector (back view)
- Up to 50,000 touchdowns without the need of exchanging the contact

Order Code: TC-P 200 001 F QF

Frequency: 300 kHz - 3 GHz
Voltage: 25 VAC / 60 VDC
Current: 1.5 A at 25°C
Resistance: < 50 mOhm
Temperature: -20°C to +75°C

Front view
Back view
Test Connector for RCA

Test solution for RCA connectors (used as standard cinch connector for audio coaxial cables).

→ Smooth contact to test item (front view)
→ Simple connection to the test system with standard RCA-connector (back view)
→ Up to 200,000 touchdowns without the need of exchanging the contact

Order Code: TC-P 196 002 RCA

Max. Frequency: 500 kHz
Voltage: 25 VAC / 60 VDC
Current: 1.5 A at 25°C
Resistance: < 50 mOhm
Temperature: -20°C to +75°C