TEST CONNECTORS
FOR COMMON CONNECTOR TYPES

- SOLDERLESS EXCHANGE POSSIBLE
- VERY HIGH NUMBER OF CONTACT CYCLES
Long-life test connectors for in-circuit, functional and wire harness testing

The need for contacting common USB, RJ or HDMI connector types is not only increasing in the in-circuit and functional test of printed circuit boards, but is also becoming more and more important in the wire harness test.

Advantages when using FEINMETALL test connectors

- Very high number of contact cycles; up to 200,000 (depending on test item)
- Test connectors do not snap into the DUT compared to normal plugs
- Unnecessary loading or damage to the contact springs in the test item is avoided
- Fixture-side connection of the test connector is very simple and solder-free, using a standard connector (plug and play). In case of maintenance, it is very easy to replace the test connector.

The test connectors can be easily and effectively integrated into test fixtures and test modules. The contacting of the test item can be realized by the travel of the fixture or module. Alternatively, it can be integrated into a pneumatically controlled contacting unit (assembly instructions available).

With these new test connectors, FEINMETALL completes its portfolio of contact probes for test engineering and can now offer you even more comprehensive contacting solutions from a single source.

TC-P 201 004 RJ 09
Order code: 2112151
Max. data rate: 1 Gbit/s
Contact cyles: 200,000
Current: 1,5 A at 25°C
Number poles: 4

TC-P 201 006 RJ 11
Order code: 2112152
Max. data rate: 1 Gbit/s
Contact cyles: 200,000
Current: 1,5 A at 25°C
Number poles: 6

TC-P 201 008 RJ 45
Order code: 2112142
Max. data rate: 1 Gbit/s
Contact cyles: 200,000
Current: 1,5 A at 25°C
Number poles: 8

TC-P 201 010 RJ 50
Order code: 2112153
Max. data rate: 1 Gbit/s
Contact cyles: 200,000
Current: 1,5 A at 25°C
Number poles: 10
# Contacts for Common Connector Types

<table>
<thead>
<tr>
<th>Connector Type</th>
<th>Order Code</th>
<th>Max. Data Rate</th>
<th>Contact Cycles</th>
<th>Current at 25°C</th>
<th>Number Poles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Micro-USB</td>
<td>2112145</td>
<td>480 Mbit/s</td>
<td>200,000</td>
<td>1.5 A</td>
<td>5</td>
</tr>
<tr>
<td>Mini-USB</td>
<td>2112757</td>
<td>480 Mbit/s</td>
<td>200,000</td>
<td>1.0 A</td>
<td>5</td>
</tr>
<tr>
<td>USB Type A</td>
<td>2112143</td>
<td>480 Mbit/s</td>
<td>200,000</td>
<td>1.5 A</td>
<td>4</td>
</tr>
<tr>
<td>USB Type A</td>
<td>2112159</td>
<td>4 Gbit/s</td>
<td>50,000</td>
<td>1.5 A</td>
<td>9</td>
</tr>
<tr>
<td>USB Type C</td>
<td>211219</td>
<td>5 Gbit/s</td>
<td>50,000</td>
<td>5.0 A</td>
<td>24</td>
</tr>
<tr>
<td>HDMI 1.4</td>
<td>2112148</td>
<td>8.16 Gbit/s</td>
<td>50,000</td>
<td>0.5 A</td>
<td>19</td>
</tr>
<tr>
<td>HDMI 2.0</td>
<td>211218</td>
<td>14.4 Gbit/s</td>
<td>50,000</td>
<td>0.5 A</td>
<td>19</td>
</tr>
<tr>
<td>F-Type</td>
<td>2112149</td>
<td>300 khz - 3 Ghz</td>
<td>50,000</td>
<td>1.5 A</td>
<td>(Coaxial)</td>
</tr>
<tr>
<td>RCA (Chinch)</td>
<td>2112150</td>
<td>500 khz</td>
<td>200,000</td>
<td>1.5 A</td>
<td>(Coaxial)</td>
</tr>
</tbody>
</table>
You have test demands with specific requirements and you need a tailor-made solution?

In our catalogues you find contact probes for:

- **Board test**
- **Wire harness test**
- **Limited space**
- **High current and coaxial applications**