Expect more!
We are at your service!

Würth Elektronik differs in several aspects from all other component manufacturers: 
**We deliver all catalogue products ex stock and our technical sales force can support your designs with market experience.**

**more than you expect:**
- Manufacturer of WERI Connectors and WEASSEMBLY Technique
- All-in-one-supplier for electromechanical components
- Design-In support through our technical sales force
- Design kits with free refill
- Samples free of charge
- Below MOQ service
- Products available ex stock
- Customized solutions
- Globally available
- Standardized order codes
- Fast response
New Products
2009

WR-PHD
Socket Header
- 2.54 mm horizontal type / 1 & 2 rows
- 2.54 mm vertical SMT type / h=3.7 mm
- 2.0 mm vertical SMT / h=4.5 mm

WR-BTB
Fine pitch Board to Board Connector
- 0.8 mm pitch
- Tape & Reel packaging: ready for automatic placement
- Different pin no. available
- Different height between PCB possible

WR-FPC
Flat Flexible Cable
- 0.5 & 1.0 mm pitch
- From 6 up to 50 pins
- Type 1 & Type 2
- 4 different lengths available in 50 / 100 / 152 & 200 mm

WR-WTB
SMT Wire to Board Connector
- Available in 1.25 / 1.50 & 2.0 mm pitch
- Straight & horizontal version
- Different pin no. available
- Horizontal through hole version available now in 1.25 / 1.50 & 2.0 mm
**WR-COM**

IEEE 1394 Connector
- Through hole type
- Vertical, horizontal & upright position
- Vertical USB SMT type

**WR-MJ**

A wider range of Modular Jack Connector
- 4P4C / 6PxC / 8P8C
- Shielded or unshielded
- Multi port: 1x2 / 1x4 / 2x1 / 2x2 / 2x4
- With or without LED (Standard & Bipolar LED)

**WR-TBL**

A wider range of Terminal Block
- Wire protector type / pressure
- Rising cage clamp
- Pluggable type
- Screwless / Spring type
- Different pitches: from 2.54 mm to 10.16 mm

**Tooling**
- IDC Press to assemble the WR-MM series (see chapter 04)
- IDC Press to assemble the WR-BHD & WR-DSUB series (see chapter 05 & 13)
- Crimping tool to assemble the WR-WTB & WR-MPC connectors (see chapter 07, 08 & 09)
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IV
Here we are:
The sales team of Würth Elektronik
From one Source
Connector Applications at a Glance
More than you expect

**Interfaces**

- **MiniModule WR-MM**
- **RS232/RS485**
- **USB**
  - USB A/B, WR-COM
  - Ethernet non-integrated
- **Video**
  - HDMI, DVI, WR-COM
- **Other communication**
  - USB, MiniUSB, RJ45, MiniDIN WR-COM
- **Strong vibration**
Globally available. Locally present.

Würth Elektronik is present with production plants and a worldwide technical sales force on all important markets of the world.

Thyrnau (Germany)  Budweis (Czech Republic)  Belozem (Bulgaria)  Watertown (USA)

Irapuato (México)  Longgang (China)  Wuxi (China)  Fuling (China)

Technical support at your facility. Worldwide.

Development in Europe – Production in Far East. No problem, we are already there!

Worldwide offices mean we are available 24 hours per day!

Our core product range is also available through the worldwide active distributor RS Components & Digikey.
Design Kits with lifelong free refill.
An ideal support for your development department

<table>
<thead>
<tr>
<th>Product range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WR-PHD</td>
<td>2.54 / 2.00 &amp; 1.27 mm Pin &amp; Socket headers</td>
</tr>
<tr>
<td>WR-FPC</td>
<td>0.5 &amp; 1.0 mm ZIF Connectors Flat Flexible Cable</td>
</tr>
<tr>
<td>WR-MM</td>
<td>Mini Module Connectors</td>
</tr>
<tr>
<td>WR-BHD</td>
<td>2.54 &amp; 2.00 mm Box Headers</td>
</tr>
<tr>
<td>WR-BHD &amp; WR-CAB</td>
<td>IDC Flat Cable Connectors &amp; Flat Cables</td>
</tr>
<tr>
<td>WR-MPC4</td>
<td>Mini Power Connectors</td>
</tr>
<tr>
<td>WR-MPC3</td>
<td>Micro Power Connectors</td>
</tr>
<tr>
<td>WR-WTB</td>
<td>3.96 / 2.54 / 2.50 / 2.00 / 1.50 &amp; 1.25 Wire to Board Connectors</td>
</tr>
<tr>
<td>WR-COM &amp; WR-PLCC</td>
<td>USB / Mini Din / HDMI / DVI &amp; PLCC Sockets</td>
</tr>
<tr>
<td>WR-COM</td>
<td>Modular Jacks: RJ45 &amp; RJ11</td>
</tr>
<tr>
<td>WR-DSUB</td>
<td>PCB &amp; Cable Connectors</td>
</tr>
<tr>
<td>WR-TBL</td>
<td>Terminal Blocks 5.08 - 5.0 - 3.81 &amp; 3.50 mm</td>
</tr>
</tbody>
</table>

Connector Solution Kit
please see table!