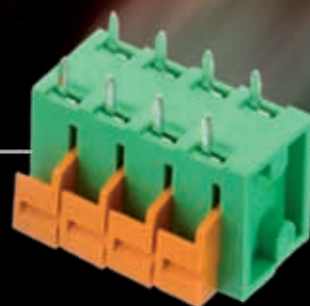




2009

WERI

CONNECTORS



RoHS compliant

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

Index

	Pin & Socket Headers WR-PHD	01
	Board to Board Fine Pitch Connectors WR-BTB	02
	ZIF Connectors & Flat Flexible Cable WR-FPC & WR-FFC	03
	MiniModule Connectors WR-MM	04
	Box Header & IDC Connectors WR-BHD	05
	Ribbon Flat Cable WR-CAB	06
	Mini Power Connectors WR-MPC4	07
	Micro Power Connectors WR-MPC3	08
	Wire to Board Connectors WR-WTB	09
	PLCC Sockets WR-PLCC	10
	Communication Connectors WR-COM	11
	Modular Jack Connectors WR-MJ	12
	D-SUB Connectors WR-DSUB	13
	Terminal Blocks WR-TBL	14

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

NEW!**WR-COM****IEEE 1394 Connector**

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

NEW!**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)

NEW!**WR-TBL****A wider range of Terminal Block**

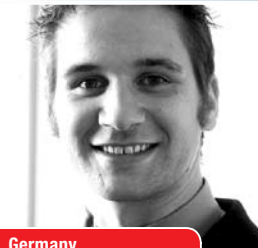
- Wire protector type / pressure
- Rising cage clamp
- Pluggable type
- Screwless / Spring type
- Different pitches: from 2.54 mm to 10.16 mm

NEW!**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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The sales team of Würth Elektronik



From one Source

Connector Applications at a Glance

PCB/PCB CONNECTION

Pin & Socket Header
WR-PHD

WE ASSEMBLY

MiniModule
WR-MM

DISPLAY, FLEXIBLE PCB

ZIF Connector
WR-FPC
Pin & Socket Header
WR-PHD

CABLE/PCB CONNECTION

Single Conductor/ Crimp

Wire To Board
WR-WTB

Ribbon Cable/ IDC

Box Header
IDC Connector
WR-BHD

MAINS POWER SUPPLY

MiniPower
MicroPower
WR-MPC Series
Terminal Block
WR-TBL

INTERFACES

strong
vibration

MiniModule
WR-MM

Other
communication

USB, MiniUSB, RJ45, MiniDIN WR-COM

Video

HDMI,DVI, WR-COM

USB

USB A /B, WR-COM

RS232/RS485

D-SUB WR-DSUB

Ethernet non
intergrated

RJ45 WR-COM

The Würth Elektronik eiSos Group



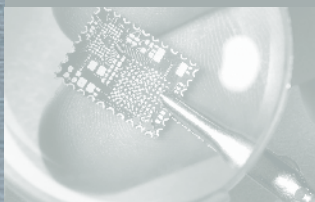
The Würth Group

63.700 employees and 8.485 million € sales

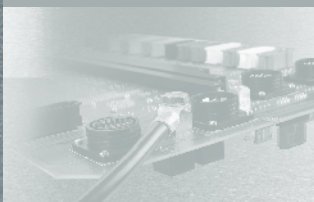
The Würth Elektronik Group

7.640 employees and 369 million € sales

Circuit Board Technology



Intelligent Connecting Systems



Würth Elektronik eiSos Group

Photovoltaics



Würth Elektronik iBE Automotive



Würth Elektronik eiSos EMC & Inductive Solutions



Würth Electronics Midcom



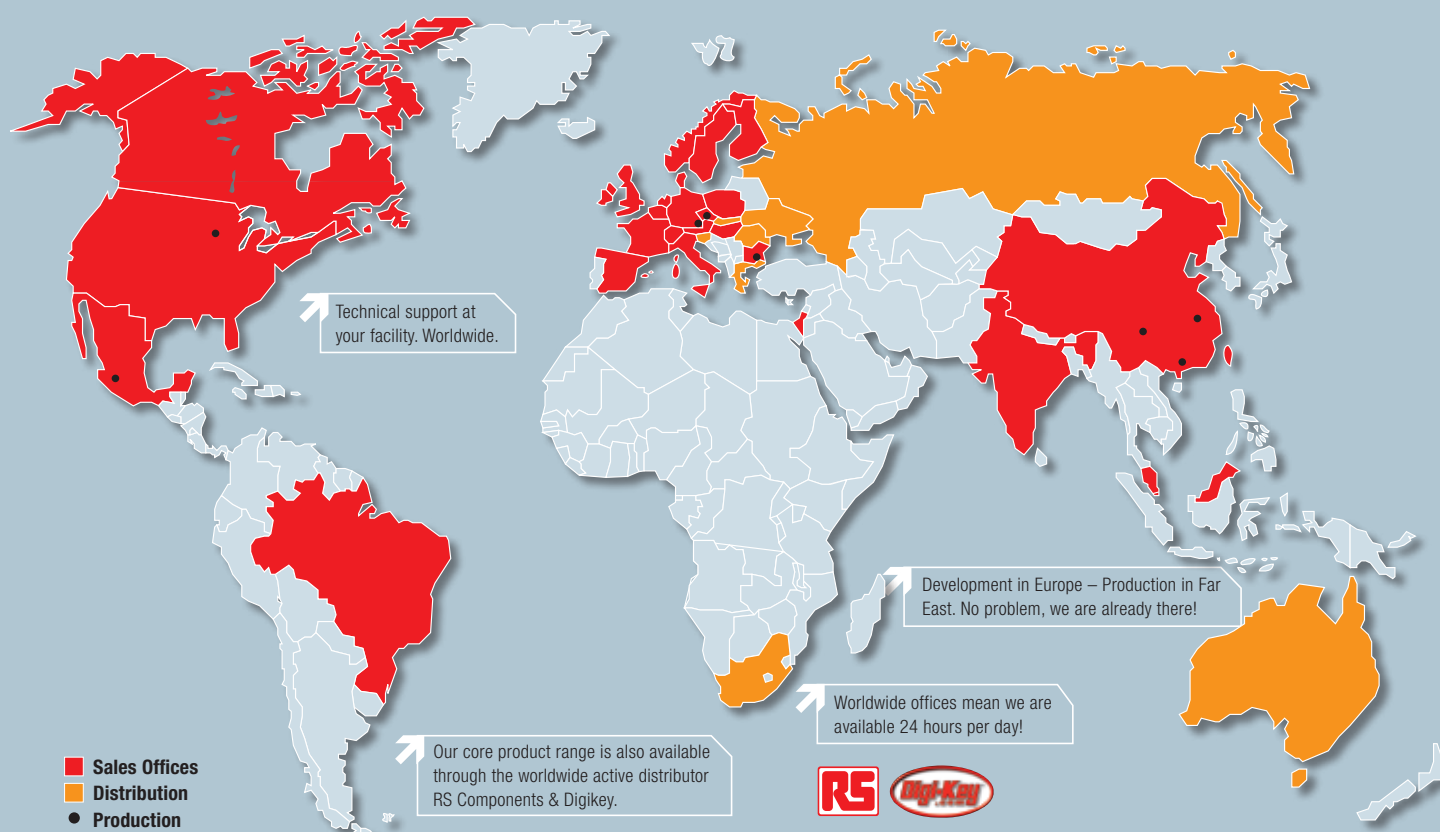
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Globally available. Locally present.

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



Design Kits with lifelong free refill.

An ideal support for your development department



WR-FPC

ZIF Connectors & Flat Flexible Cable (FFC)
please see page 03-19

Order Code: 687 001



WR-MM

MiniModule Connectors
please see page 04-17

Order Code: 690 001



WR-MPC4

Mini Power Connector
please see page 07-22

Order Code: 649 001



WR-MPC3

Micro Power Connector
please see page 08-21

Order Code: 662 001



WR-COM

Communication Connectors
please see page 11-32

Order Code: 615 001



WR-TBL

Terminal Blocks
please see page 14-96

Order Code: 691 001



Connector Solution Kit

please see table!

Order Code: 612 690

Product range	Description
WR-PHD	2,54 / 2,00 & 1,27 mm Pin & Socket headers
WR-FPC	0,5 & 1,0 mm ZIF Connectors Flat Flexible Cable
WR-MM	Mini Module Connectors
WR-BHD	2,54 & 2,00 mm Box Headers
WR-BHD & WR-CAB	IDC Flat Cable Connectors & Flat Cables
WR-MPC4	Mini Power Connectors
WR-MPC3	Micro Power Connectors
WR-WTB	3,96 / 2,54 / 2,50 / 2,00 / 1,50 & 1,25 Wire to Board Connectors
WR-COM & WR-PLCC	USB / Mini Din / HDMI / DVI & PLCC Sockets
WR-COM	Modular Jacks: RJ45 & RJ11
WR-DSUB	PCB & Cable Connectors
WR-TBL	Terminal Blocks 5,08 - 5,0 - 3,81 & 3,50 mm



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Passive components & Assembly catalogue



For the full range of Würth Elektronik product line see our passive components & assembly catalogue. You can order a copy for free on our website www.we-online.com



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