



Checklist Connectors

Please send the filled form to ematerial@rutronik.com or call +49 (0)7231 801-499

Customer No.:	_____	Industry:	_____
Name:	_____	Department:	_____
Company:	_____	Tel. No.:	_____
Street:	_____	Fax. No.:	_____
ZIP Code Place:	_____	E-mail:	_____

What type of connector is required?

- | | | | |
|---|--|---|---|
| <input type="checkbox"/> Rectangular | <input type="checkbox"/> Circular | <input type="checkbox"/> Other | <input type="checkbox"/> Common |
| <input type="checkbox"/> D-Sub | <input type="checkbox"/> Industrial | <input type="checkbox"/> Memory/Card Read | <input type="checkbox"/> Wire to Board |
| <input type="checkbox"/> USB | <input type="checkbox"/> MIL/AERO | <input type="checkbox"/> EV Charging | <input type="checkbox"/> Board to Board |
| <input type="checkbox"/> DIN 41612 | <input type="checkbox"/> M8/M12 | <input type="checkbox"/> IC Sockets | <input type="checkbox"/> Wire to Wire |
| <input type="checkbox"/> RJ (Modular) | <input type="checkbox"/> Audio, Phone, RCA | <input type="checkbox"/> DVI, HDMI, Display | <input type="checkbox"/> Terminal Block |
| <input type="checkbox"/> Pin header | | <input type="checkbox"/> FFC/FPC | <input type="checkbox"/> Others |
| | | <input type="checkbox"/> IDC | |

Application Field

- Industrial
 Automotive
 Military
 Medical
 Train/Railway
 Ship/Sea
 Plane
 Space

Commercial data

Demand per year	Start of production	If samples needed, when
_____	_____	_____

References

Part Number	Series	Manufacturer
_____	_____	_____

Technical Requirements

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Volt (Voltage) | <input type="checkbox"/> Amps (Current) | <input type="checkbox"/> Shoke/Vibration | <input type="checkbox"/> Harsh Environment |
| _____ | _____ | _____ | _____ |
| <input type="checkbox"/> No. of contacts | <input type="checkbox"/> No. of rows | <input type="checkbox"/> Pitch (e.g. 2.54/1.27mm) | <input type="checkbox"/> Mating cycles |
| _____ | _____ | _____ | _____ |

Operating Temperature

from _____ °C to _____ °C

Contact style

- | | | |
|--|--|--------------------------------------|
| <input type="checkbox"/> Male | <input type="checkbox"/> Plug | <input type="checkbox"/> Plug |
| <input type="checkbox"/> Female | <input type="checkbox"/> Receptacle | <input type="checkbox"/> Jack |
| _____ | _____ | _____ |

Orientation

- Straight**
 Rightangle
 Angled

Termination PCB

- THT** (through hole technology)
 SMT (surface mount technology)
 THR/PIP (through hole reflow)
 Press-fit

Termination Wire

- Solder (Cup)**
 Crimp
 IDC



Circular Connector

Contact Technology

- Rectangular
- Signal
- Power
- Hybrid
- Coax
- Fibre Optic

Interface (case side)

- Front mont
- Back mont

Housing Material?

- metall
- plastic

Coupling System

- Screw
- Bayonet
- Push-Pull

Rectangular Connector

Do you need a Locking system?

- Bolts
- Screw
- Latch
- Coding

- TPA/CPA

- Colour

- Shrouding

Modular Jack

- EMI Fingers

- Tab up/Tab down

- Shieldingr

- Led colours

USB Conector

- Plug
- Receptacle

- Type A, B, C, AB

- Mini, Micro, Power

- USB 2.0, USB 3.0

USB-Type-C Connector

- Plug
- Receptacle
- Top mount
- Mid mount

- Horizontal
- Vertical

- Center Height (Horizontal) _____
- Height (Vertical) _____

Number of contacts _____

Mating Depth _____

Terminal Block

- Terminal Block
- Plug
- Header
- Clamp
- Spring

Customized Requirements / Sketch