



REDFIT IDC SKEDD Connector

<https://www.mouser.com/wurth-redfit-idc-skedd/>



Applications & Benefits



- **Connector for Signal Transmission, Programming and Debugging**
 - Consumer Electronics
 - Solar Industry
 - Industrial Electronics
 - Mechanical Engineering
 - Switch Board Construction
- **Loss of Complete Part and Potential Error Source on PCBs**
 - Quick and Easy Processing
 - Space-saving Design
 - Higher Process Reliability
 - Reduction of Process Costs
 - Lower Material Costs
- **Debugging layout examples for:**
 - MSP – [download](#)
 - Pic – [download](#)
 - STM – [download](#)
 - STIM-Mini - [download](#)

Connection Technology



- **Cable side: Insulation Displacement Connection**

- Direct connection to ribbon flat cable
- No stripping
- All strips are contacted simultaneously
- High transmission quality
- Permanent connection security

- **PCB side: SKEDD Direct Plug-in Technology**

- Direct connection to the plated-through hole
- Multiple mating cycles
- Pluggable by hand
- Low contact resistance
- Vibration-resistant connection

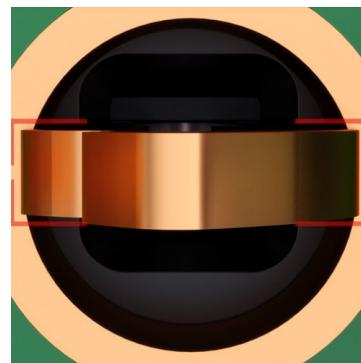
Characteristics



- IDC for quick and easy half pitch cable connection



- 4-Way contact principle for reliable electrical connection



Characteristics



- Reverse polarity of plastic housing for correct assembling



- Tool-free mounting for easy plug and unplug process

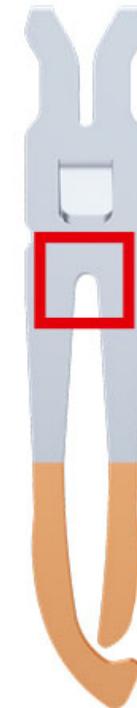


SKEDD Contact Requirements



- **Easy and Simple Plug-in Process**

- The precise design of the apex area keeps the SKEDD contact elastic to guarantee a low insertion force even for connectors with a high number of pins.

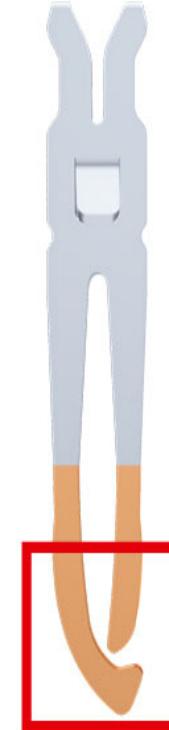


SKEDD Contact Requirements



■ Vibration-Proof Connection

- At the end of the insertion process the contact normal contact force is high enough to ensure that no interruption occurs due to mechanical stress.



SKEDD Contact Requirements



▪ Reversible Connection

- The flexible fork-type arms of the SKEDD contact adapt in an elastic way to the plated through-hole to realize multiple mating cycles.

