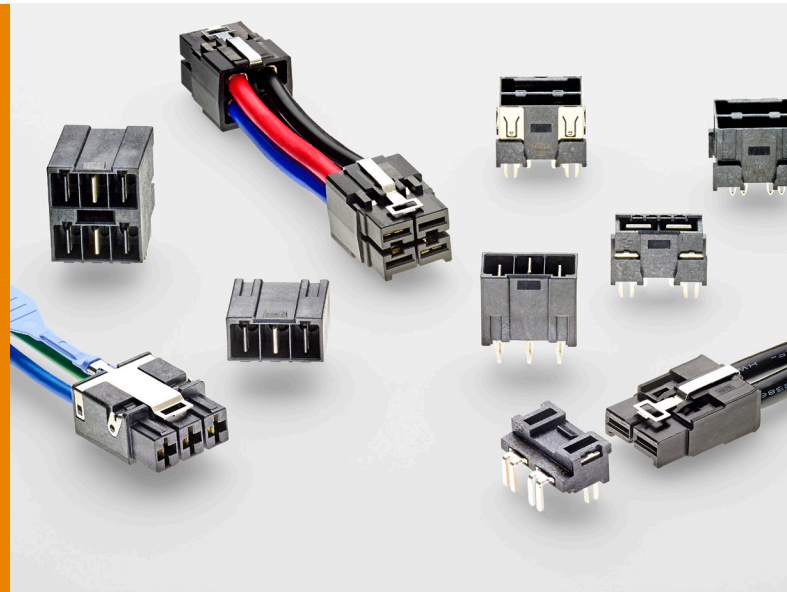


INTRODUCING ELCON MINI POWER CONNECTORS & CABLE ASSEMBLIES

- Design for low-profile power distribution units with a small connector that delivers up to 40A and 400V
- Save space with an 8mm height form-factor



Pack more power into smaller spaces with TE Connectivity's (TE) new ELCON Mini power interconnects that feature a small, 8mm height form-factor and support higher currents than similar sized solutions. These interconnects provide confidence in system performance with their low resistant, highly reliable interface. TE's ELCON Mini power cable assemblies are offered in standard designs, for easier routability, metal latch or plastic pull-tab types.

KEY BENEFITS

- Design for low-profile power distribution units requiring small form factor connector with high current
- Support high current up to 40A per contact and a 400V rating with a cost-effective stamped contact design that is only slightly larger than an HDMI connector
- Save space with an 8mm height form-factor
- Enable design flexibility with connectors available in vertical and right angle mount, press-fit and through-hole options
- Design for easier routability with ELCON Mini power cable assemblies

MATERIALS

- Housings, cable connector - Glass filled high temp thermoplastic, color: black, UL 94V-0
- Housings, board connector - Glass filled high temp thermoplastic, color: black, UL 94V-0
- Contacts, power - Copper alloy, silver plated
- Contacts, coding (optional) - Copper alloy, under layer nickel plated, contact area selective gold or PdNi plated

LEARN MORE

[ELCON Mini Brochure \(English\)](#)

[ELCON Mini Brochure \(Simplified Chinese\)](#)

[ELCON Mini Landing Page](#)

[ELCON Mini Parts List](#)

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APPLICATIONS

- Power distribution
- Power supplies
- Telecom base stations
- Servers, switches, and routers
- Storage systems
- High Performance Computing (HPC)
- Industrial electronic equipment cabinets
- Factory automation
- Medical diagnostic equipment systems

ELECTRICAL

- Current: up to 40 Amps per contact
- Voltage: 400 Volts AC or DC
- Contact Resistance: 0.3 milliohms maximum
- Operating temperature: -40°C to 125°C

MECHANICAL

- Metal latch retention supporting pull forces up to 100N
- Durability: 50 cycles

STANDARDS & SPECIFICATIONS

- IEC 60512 and EIA-364

