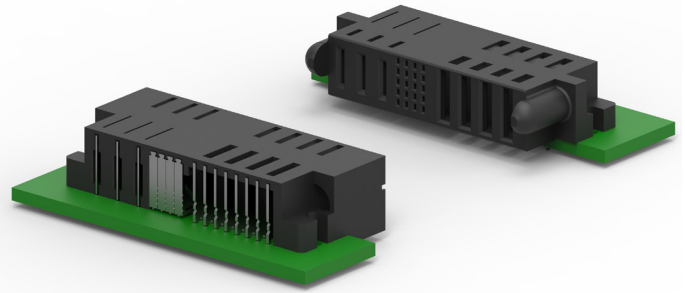


INTRODUCING MULTI-BEAM PLUS POWER CONNECTORS

- Highest current per power contact
- Save space and reduce power consumption



TE's MULTI-BEAM Plus power connectors address the market need for higher power and higher performance with the highest current per power contact up to 140A/contact and 100A/contact with four adjacent power contacts. This higher power and signal density saves space and reduces power consumption. MULTI-BEAM Plus connectors are the next evolution of our MULTI-BEAM XLE connectors. They share the same low-profile dimension and enable the same airflow through the system. Like our MULTI-BEAM XL, MULTI-BEAM XLE, and MULTI-BEAM HD power connectors, the scalable and modular design also supports greater flexibility in configuration and PCB design.

KEY BENEFITS

- Provides highest current per power contact with a maximum for 100A per contact with four adjacent power contacts
- Provides a maximum of 140A per single contact, versus our MULTI-BEAM XLE connectors at max. 75A per single contact
- Reduces power consumption and saves space with higher power and signal pin density
- Modular design allows for high scalability and flexibility in configurations
- Enables good airflow through the system with a low-profile dimension (the same as our MULTI-BEAM XLE connectors)

MATERIALS

- Connector housing: glass filled LCP
- Contacts: copper alloy
- All materials meet RoHS requirement

STANDARDS & SPECIFICATIONS

- Compliant to UL-94 V0

LEARN MORE

[MULTI-BEAM Product Family Landing Page](#)
[MULTI-BEAM Plus Product Flyer](#)
[MULTI-BEAM Plus Parts List](#)

APPLICATIONS

- Data center
- Switches and routers
- Servers
- Telecom devices
- Transport network equipment
- Wireless RRUs
- Automation control systems
- Robotics
- Power systems

ELECTRICAL

- High power contact: Max. 140 Amp single pin; 100 Amp 4 adjacent pins
- Lower power contact: 45 Amp single pin; 35 Amp 3 adjacent pins
- Contact resistance: 0.25 milliohm per contact at rated current

MECHANICAL

- Misalignment/gatherability: +/-1.8 mm radial misalignment
- Mating Force:
 - High power: 7.12 N max. per contact
 - Lower power: 1.0N max. per contact
 - Signal contact: 1.0 N max. per contact