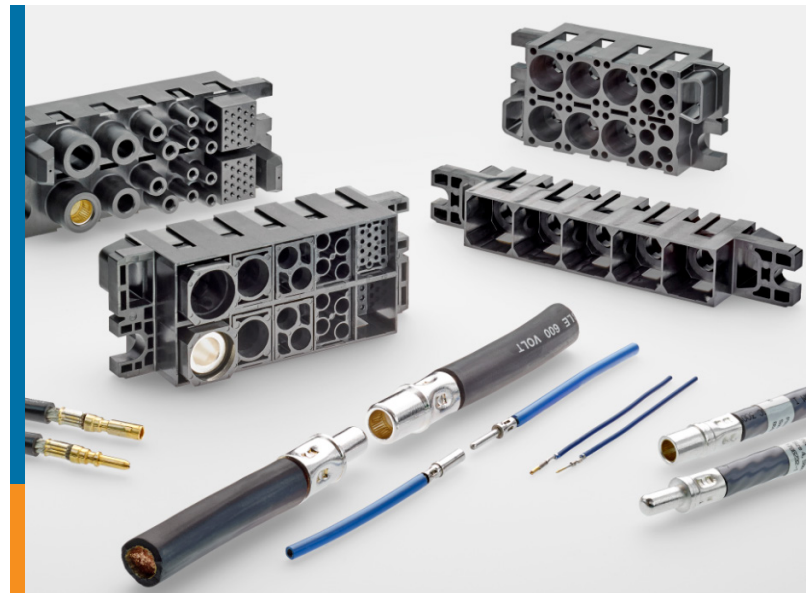


INTRODUCING FORGE DRAWER POWER CONNECTORS

- Support evolving design trends with greater housing modularity
- Offer high current power with the broadest range of contact configurations available



TE Connectivity (TE) introduces the FORGE drawer connector, a modular, high-power pin and socket interconnect solution that provides a wide variety of configuration possibilities for designers of power systems and electronics hardware. FORGE drawer connectors are suitable for direct current (DC) power, alternating current (AC) power and signal, and are offered in 1x5 and 2x2 through 2x5 contact configurations. Supporting complete customization, each position is designed to accommodate a different contact. In order to manage inventory, five different existing, commonly used contact solutions are offered, ranging from size 22 (signal/3A) up to size 0 (200A). High voltage options and configurations supporting more than 1000 A are also available for high power applications.

KEY BENEFITS

- Support evolving design trends with greater housing modularity
- Offer high current power with the broadest range of contact configurations available
- Utilize any one of five different contact types ranging from very high power (size #0) to signal contacts (size #22) in each module
- Eliminate the need for new tooling or wait time needed for new parts with existing proven contact designs and modular housings
- Enable touch-proof pin contact with improved size #0 and size #4 designs
- Enable ease of use with fast and easy insertion of contacts into the housing

ELECTRICAL

- Contact Voltage:
 - Size 22: 50 VAC
 - Size 12, 8, 4, and 0: 250 VAC***Contact TE Engineering to obtain higher voltage configurations.*
- Low Level Contact Resistance (LLCR):
 - Signal Contacts: 15 milliohm max initial; 25 milliohm max final
 - Power Contacts: 1 milliohm max initial; 3 milliohm max final
- Insulation resistance: 5000 mega ohm minimum

APPLICATIONS

- Power supplies and intelligent power
- Distribution systems
- High voltage DC applications
- Switches and routers
- Power conversion
- Storage and servers
- Wireless infrastructure
- Test equipment
- Automation and control

MECHANICAL

- Durability: 250 mating cycles
- Shock: 50G
- Vibration: 5G, 20-500Hz
- Operating Temperature: -40 to 105°C
- Insertion force (max): 16.8N
- Extraction force (max): 10.6N

STANDARDS & SPECIFICATIONS

- EIA-364-23; EIA-364-6; EIA-364-21

LEARN MORE

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[FORGE Drawer Connector Press Release](#)

[FORGE Drawer Parts List](#)