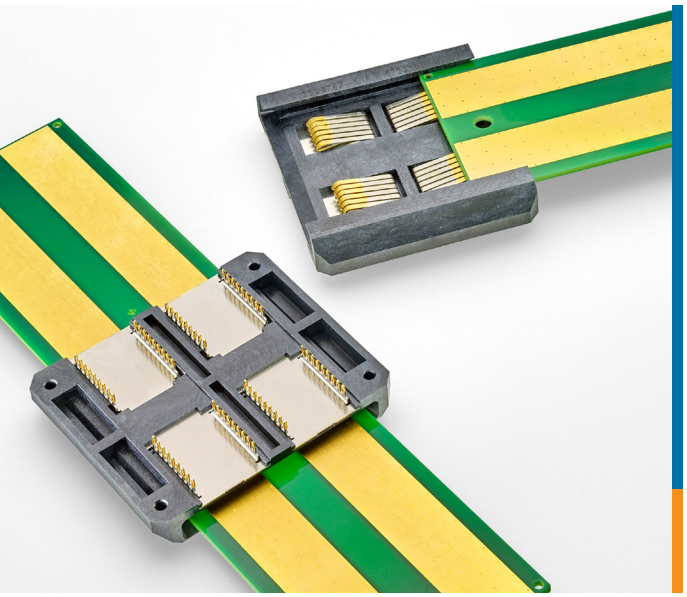


# SLIDING POWER CONNECTOR

TE Connectivity's (TE) sliding power connector is one of the only connectors of it's kind that allows for hot swapping of components in a server drawer. This power solution is ideal for applications up to 75A and eliminates the need for a bulky cable management system within the drawer. The sliding power connector also shows improved voltage drop over cables due to a more direct path from the power source to the server. With limited cabled connections, the sliding power connector is also more reliable. With no need for complex cable management or loose moving parts within the drawer, the sliding power connector provides a simpler design that is less prone to disconnection from the power source.

### Features

- Allows for hot swapping of components
- Ideal for applications up to 75A
- Eliminates the need for bulky cable management systems
- Improved voltage drop over cables
- Simple design

### Benefits

- Minimal system downtime
- Energy efficiency
- Higher reliability

### Applications

- Hard disk drives
- Power supply units
- Open Compute Project (OCP) cubby
- Racks
- Servers
- Storage units
- High current applications

## What is sliding power?

### Non-traditional method of power distribution

- Connector system that eliminates the need for power cables
- Utlizes PCBs to transmit power directly to the on-board components

### Minimal system downtime

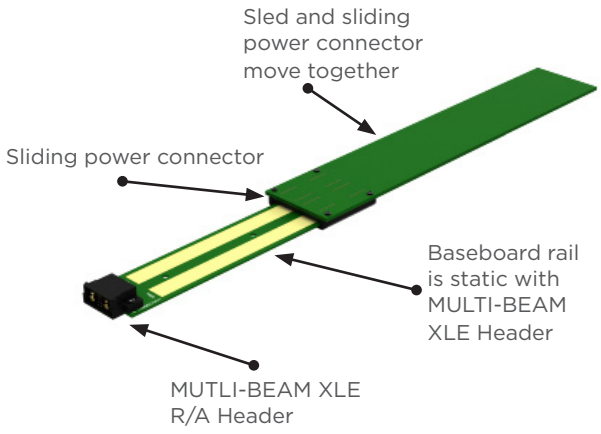
- Allows for hot swapping of components without shutting power down to the whole system

### Energy efficient

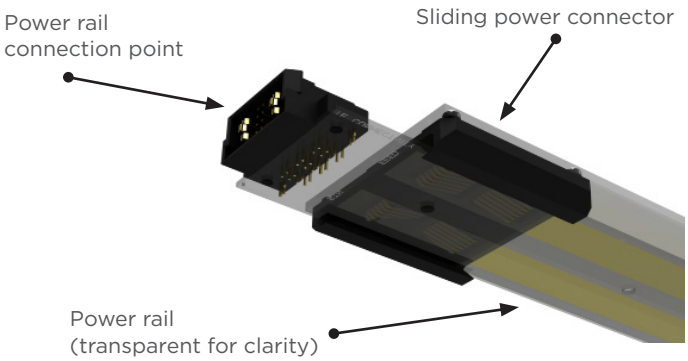
- Increased airflow reduces cooling costs
- Improved voltage drop due to a more direct path from the power source to the server

### Higher reliability

- No complex cable management or loose moving parts within the drawer
- Simple design is less prone to disconnection from the power source




**Sliding Power Connector - Top View**




**Sliding Power Connector - Bottom View**

## Part Number Detail

| Part Description | TE Part Number |
|---|---|
| 75A Dual Pole Sliding Power Connector | 2204740-1 |

**te.com**



**1-1773969-2 02/19 DND**

### TE Technical Support Center

| | |
|---|---|
| USA: | 1.800.522.6752 |
| Canada: | 1 .905.475.6222 |
| Mexico: | 52.0.55.1106.0800 |
| Latin/S.America: | 54.0.11.4733.2200 |
| Germany: | 49.0.6251.133.1999 |
| UK: | 44.0.800.267666 |
| France: | 33.0.1.3420.8686 |
| Netherlands: | 31.0.73.6246.999 |
| China: | 86.0.400.820.6015 |