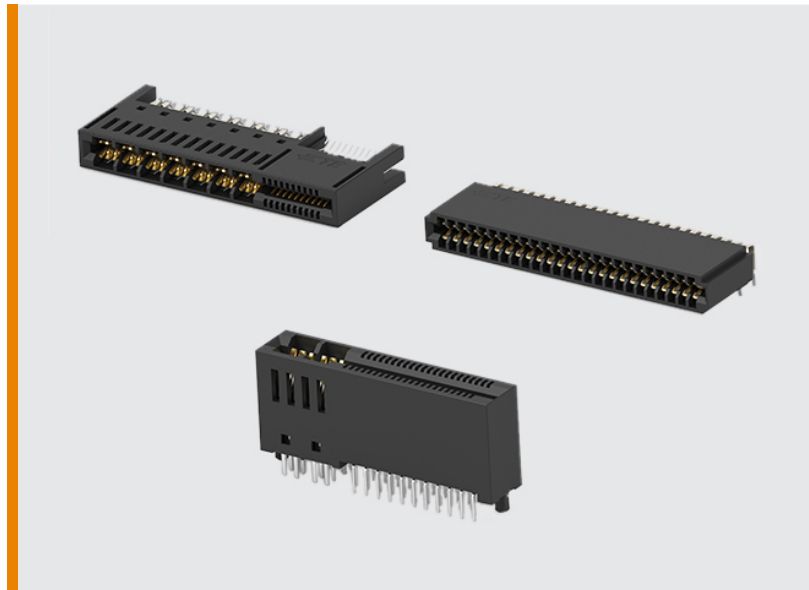


## INTRODUCING

# CARD EDGE POWER CONNECTOR PORTFOLIO

- Offers system design flexibility
- Enable optimized performance



TE's comprehensive card edge power connector portfolio can offer safer, customizable, common redundant power supply (CRPS) compliant, high-current and high-density power connection to address varied power supply unit (PSU) and riser cards request from different and applications. Our card edge power connector portfolio is being shaped into a comprehensive one with the introduction of single-beam, high-density (HD) heightened, HD plus (HD+) 5- and 8- beam card edge power connectors, supporting current ranging from 5.2A/pitch (5.2A/2.54mm pitch) to 46A/pitch (-15A/2.54mm).

### KEY BENEFITS

- Standard, medium, high and premium current rating options, ranging from 5.2A/pitch (5.2A/2.54mm) to 46A/pitch (-15A/2.54mm), supporting up to 3400W
- CRPS interface compatible products: single-beam and HD+ 8-beam card edge power connectors
- Expansive PCB orientation configurations: right angle, vertical, straddle and heightened
- Enhanced safety: UL and TUV certified
- Higher current, higher density and better heat performance through TE's innovative contact design - pass through dual-layer contact design can allow thicker material

### APPLICATIONS

- Enterprise
- Hyperscale
- Medical system
- Industrial
- Telecom

### TARGET MARKETS



Data center  
(switches, servers,  
storage, routers)



Remote radio  
units



Base  
stations

### CONNECTOR SPECIFICATIONS

- **Single-beam card edge power connector**
  - CRPS compliant interface
  - Power: support up to 2000W PSU
- **High-density (HD) heightened card edge power connector**
  - Power: support up to 1600W PSU
  - ~50% more contacts point
- **High-density plus (HD+) 5-beam card edge power connector**
  - Dual-layer power contact supports 2400W/2600W PSU
  - Innovative pass-through contact design allows thicker material for contact to support higher current
- **High-density plus (HD+) 8-beam card edge power connector**
  - CRPS compliant interface
  - Dual-layer power contact supports 3000W/3400W PSU

### LEARN MORE

- [Product webpage](#)
- [High-density+ \(HD+\) card edge power connector flyer](#)
- [High-density card edge power connector flyer](#)
- [Multi-beam card edge connector flyer](#)
- [Single-beam card edge online eCatalog](#)
- [HD heightened card edge online eCatalog](#)
- [HD+ 5-beam card edge online eCatalog](#)
- [HD+ 8-beam card edge online eCatalog](#)
- [Card edge power connector portfolio eCatalog](#)