

213854-4

✓ ACTIVE

AMP | AMP CPC

TE Internal #: 213854-4

37 Position Circular Power Connector, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, Receptacle, Pin, Signal, Black, All Plastic, AMP CPC

[View on TE.com >](#)

Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: **37**

Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

Connector System: **Wire-to-Board, Wire-to-Panel**

Sealable: **No**

Features

Termination Features

| | |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Packaging Features

| | |
|--------------------|----|
| Packaging Quantity | 21 |
|--------------------|----|

| | |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

Mechanical Attachment

| | |
|--------------------------|----------------------------|
| Panel Mount Feature Type | Flange with Mounting Holes |
|--------------------------|----------------------------|

| | |
|-----------------------|-------|
| Mating Alignment Type | Keyed |
|-----------------------|-------|

| | |
|-----------------------|-------------------|
| Mating Retention Type | Threaded Coupling |
|-----------------------|-------------------|

| | |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

| | |
|-------------------|---|
| Polarization Code | B |
|-------------------|---|

| | |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

| | |
|------------------|------|
| Mating Retention | With |
|------------------|------|

| | |
|---------------------|------|
| Panel Mount Feature | With |
|---------------------|------|

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 37 |
|---------------------|----|

| | |
|---------------------------|---|
| Number of Power Positions | 0 |
|---------------------------|---|

| | |
|----------------------------|----|
| Number of Signal Positions | 37 |
|----------------------------|----|

Product Type Features

| | |
|-------------------------------|------------------------------|
| Connector Product Type | Connector Assembly |
| Connector System | Wire-to-Board, Wire-to-Panel |
| Sealable | No |
| Connector & Housing Type | Receptacle |
| Circular Connector Shell Type | All Plastic |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Contact Features

| | |
|----------------|-----|
| Reverse Gender | No |
| Contact Type | Pin |

Housing Features

| | |
|-------------------------------|--------|
| Housing Color | Black |
| Housing Material | PA 6.6 |
| Circular Connector Shell Size | 23 |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
| Fluid Resistance | None |

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
| Shielded | No |

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | |

Current ECHA Candidate List: JUNE 2024

(241)

Candidate List Declared Against: JUNE
2024 (241)

Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in
other sources.

Solder Process Capability

Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 206150-1
CPC PLUG ASSEMBLY SIZE 23-37

Also in the Series | **AMP CPC**

Connector Backshells(1)



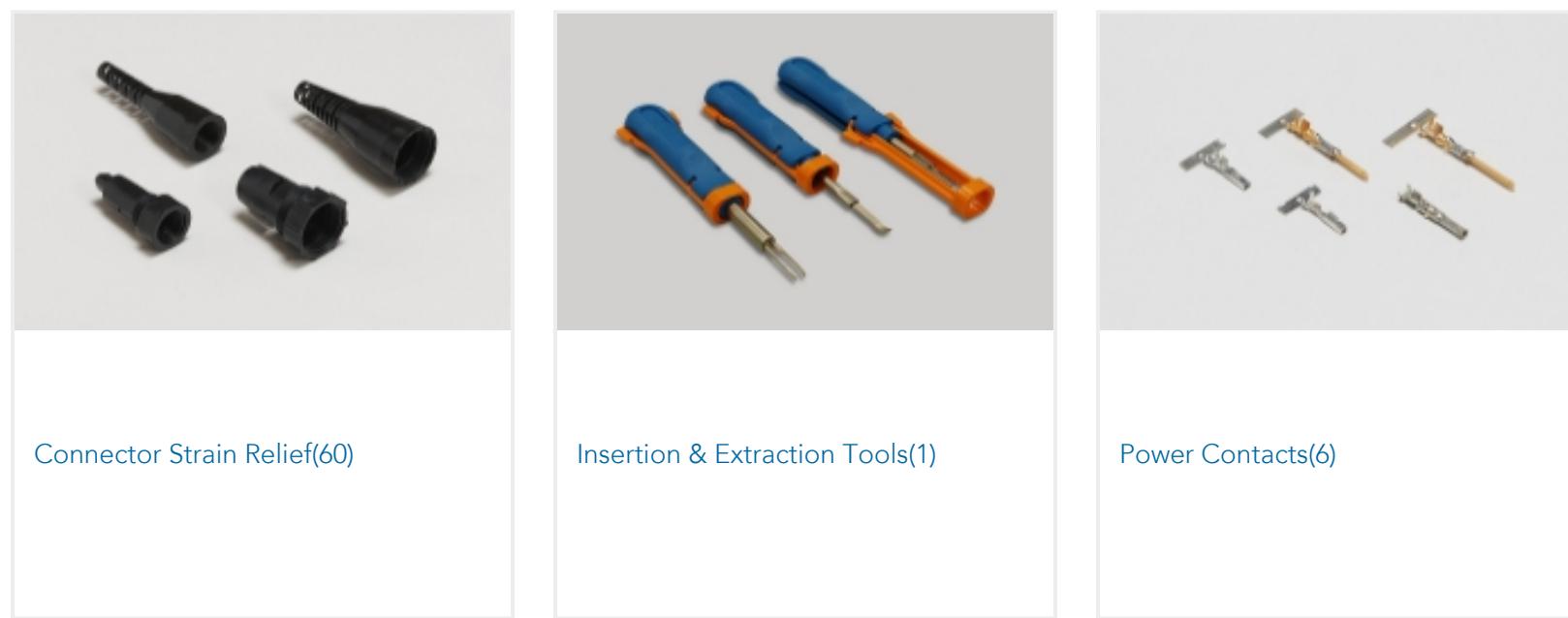
Connector Caps & Covers(16)



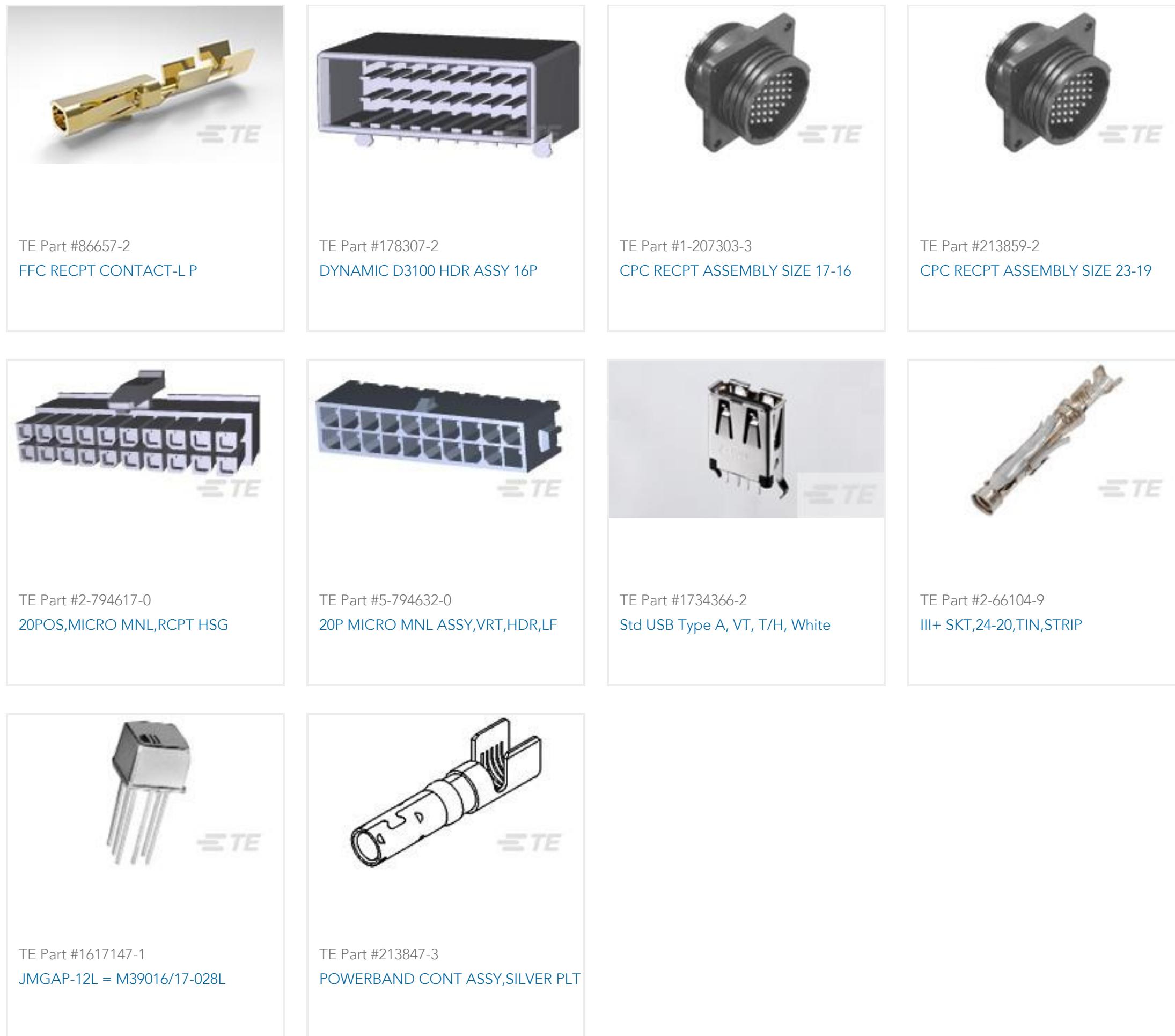
Connector Contacts(6)



Connector Seals & Cavity Plugs(35)



Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_213854-4_J.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_213854-4_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213854-4_J.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[CSA Certificate](#)

English