

643960-1 ✓ ACTIVE

MTA 156

TE Internal #: 643960-1

Rectangular Power Connectors, Header, Plug, Wire-to-Board, 3

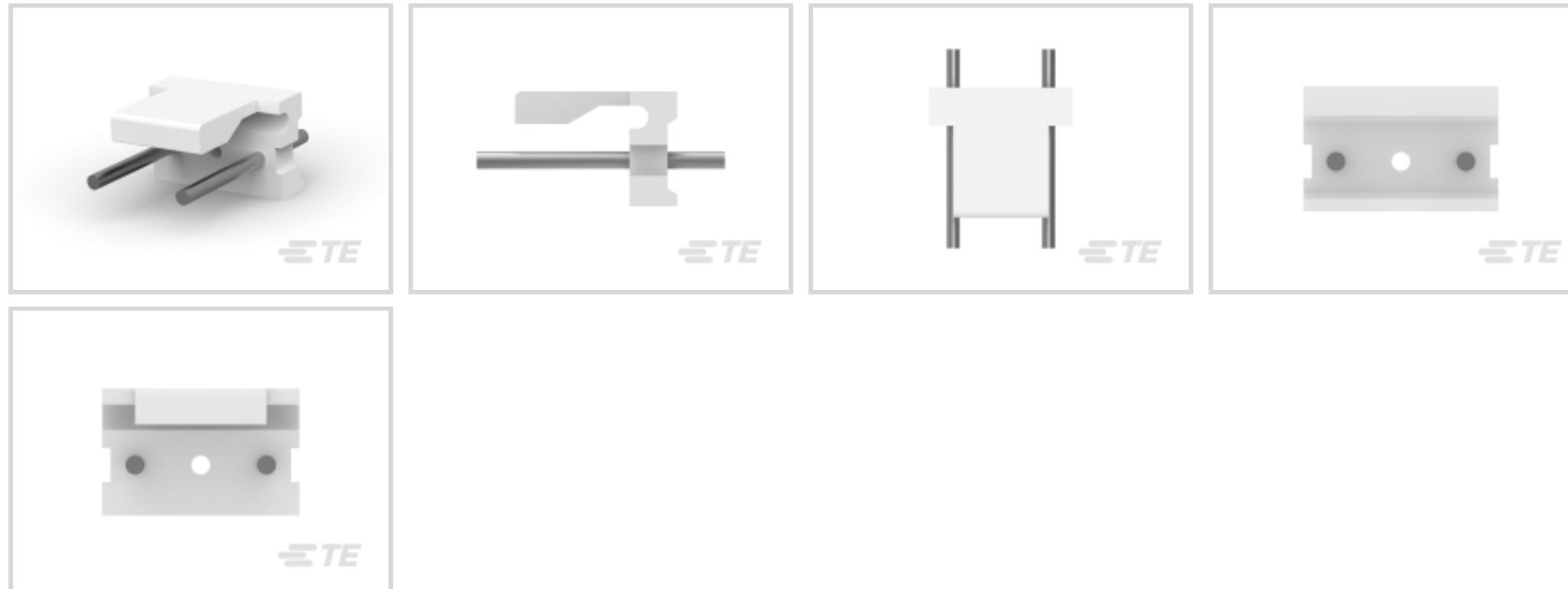
Position, 3.96 mm [.156 in] Centerline, Printed Circuit Board, UL 94V-

0, MTA 156

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **3**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Header Type | Partially Shrouded |
| Rectangular Power Connector Type | Header |
| Connector & Housing Type | Plug |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|----------|
| Number of Loaded Positions | 2 |
| Number of Positions | 3 |
| PCB Mount Orientation | Vertical |
| Number of Power Positions | 3 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Contact Features

| | |
|--|----------------------------|
| Mating Post Length | 10.16 mm[.4 in] |
| Contact Layout | Inline |
| Contact Mating Area Plating Material | Tin |
| Contact Underplating Material | Nickel |
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 7 A |
| Contact Retention Within Housing | Without |
| Contact Type | Pin |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | 100 μ m[2.54 μ in] |

Termination Features

| | |
|---|-----------------------|
| Termination Post & Tail Length | 3.81 mm[.15 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

| | |
|-------------------------|---------------|
| Strain Relief | Without |
| Mating Retention | With |
| Mating Alignment | Without |
| PCB Mount Alignment | Without |
| Panel Mount Feature | Without |
| PCB Mount Retention | Without |
| Mating Retention Type | Friction Lock |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|------------------|
| Centerline (Pitch) | 3.96 mm[.156 in] |
| Housing Color | Natural |
| Housing Material | Polyester - GF |

Dimensions

| | |
|-----------------------------|--------------------------------|
| Connector Height | 10.79 mm[.425 in] |
| PCB Thickness (Recommended) | 1.57 - 2.36 mm[.062 - .093 in] |
| Product Length | 11.88 mm[.468 in] |

Usage Conditions

Operating Temperature Range

-55 - 105 °C [-67 - 221 °F]

Operation/Application

Circuit Application

Power

Industry Standards

CSA Rating

Certified, LR 7189

UL Rating

Recognized

Compatible With Agency/Standards Products

CSA, UL

Compatible With Approved Standards Products

UL E28476

UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity

3000

Packaging Method

Package

Other

Number of Blocked Positions

1

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: JAN 2024

(240)

Candidate List Declared Against: JAN 2024
(240)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900
ppm.

Solder Process Capability

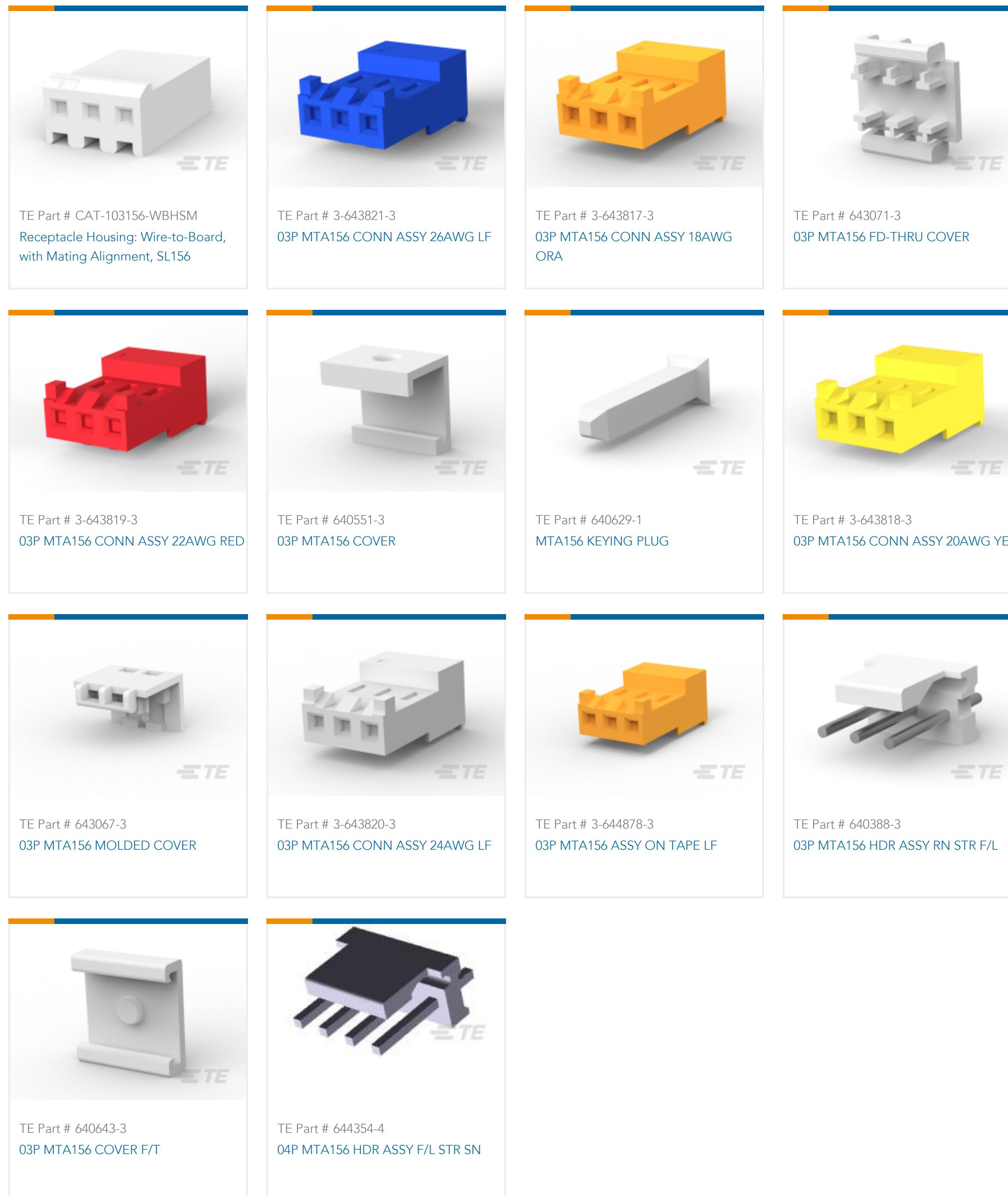
Wave solder capable to 265°C

Product Compliance Disclaimer

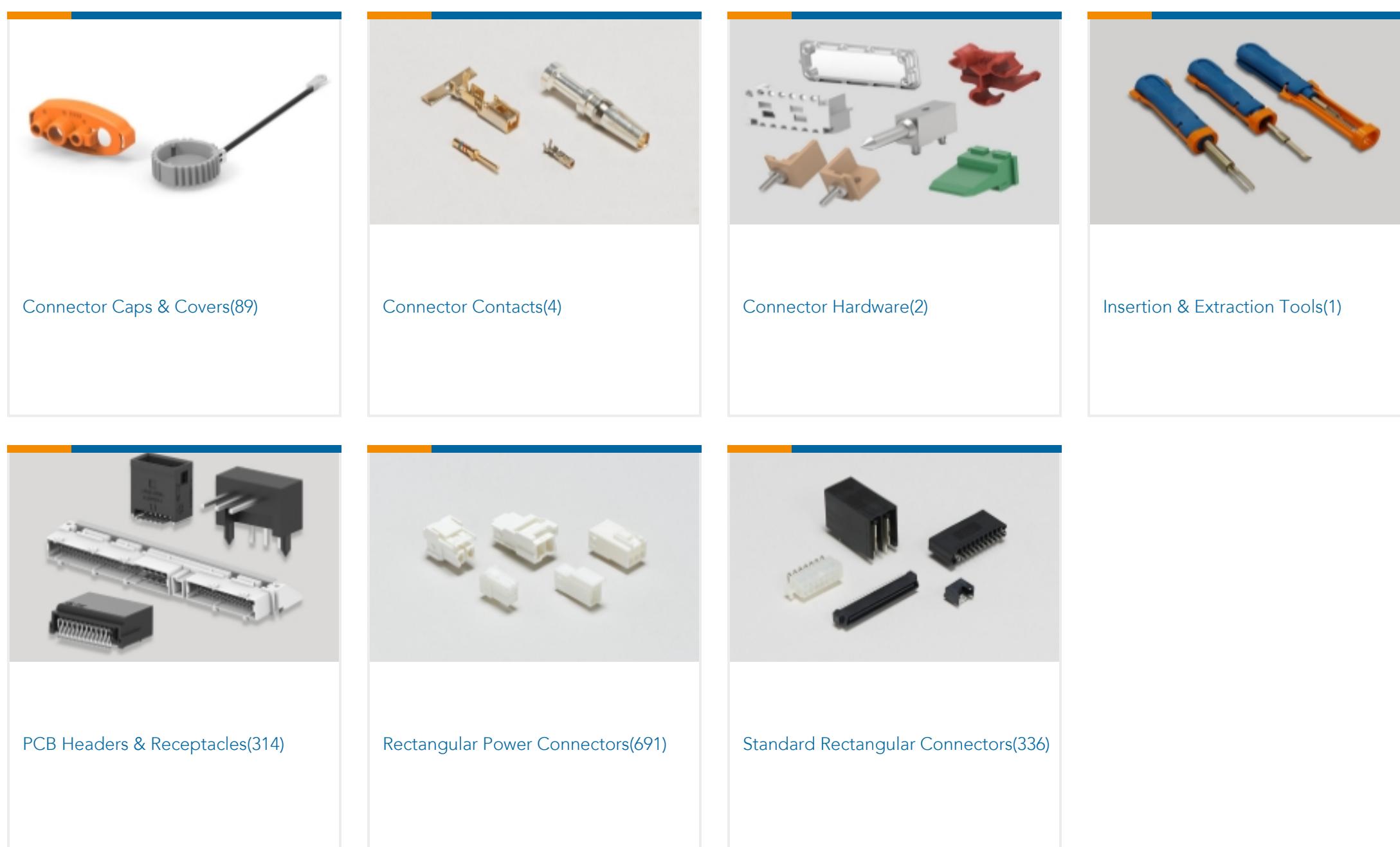
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

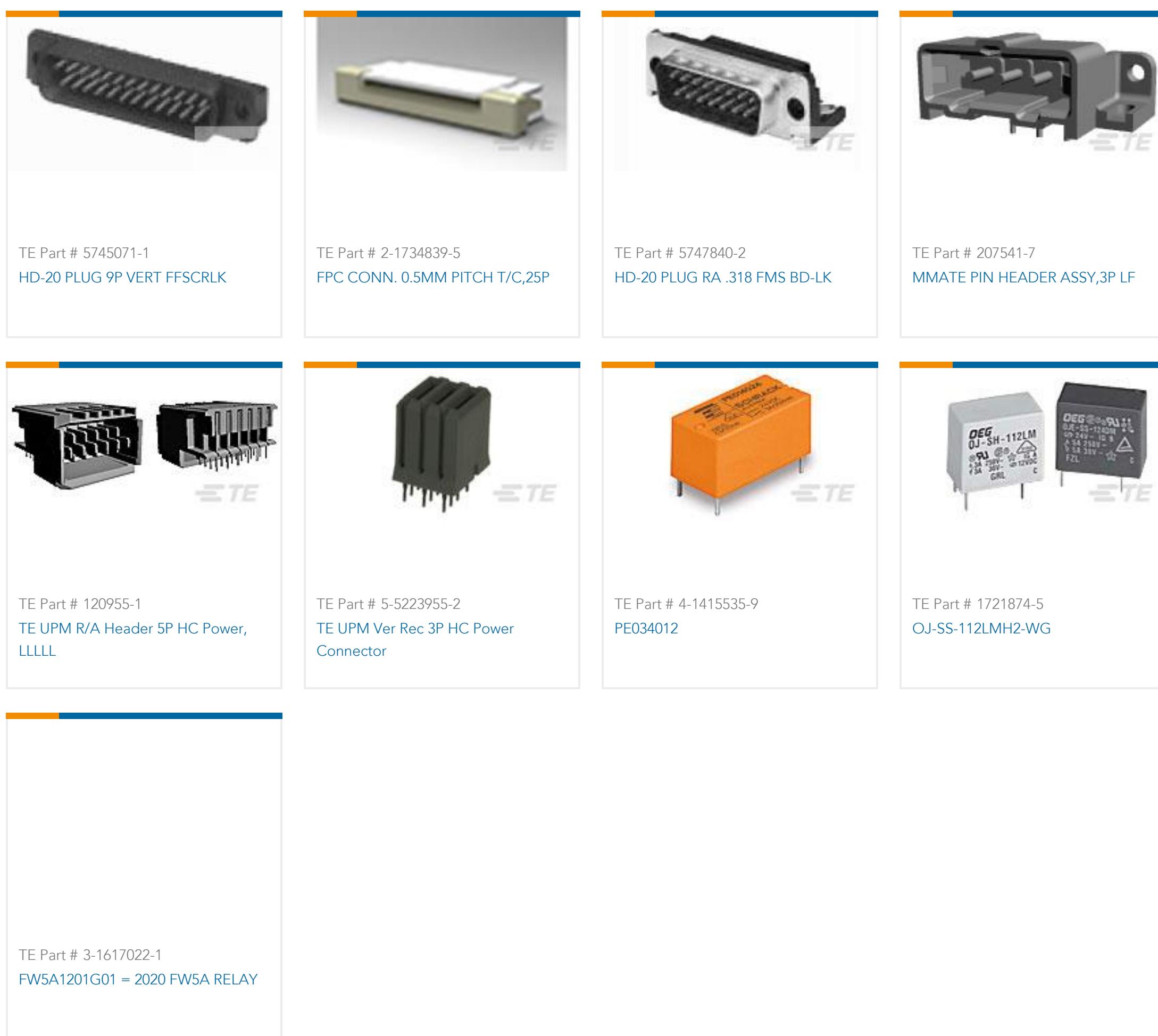
Compatible Parts



Also in the Series | **MTA 156**



Customers Also Bought



Documents

Product Drawings**03P MTA156 HDR ASSY STR W/O#2**

English

CAD Files

Customer View Model

[ENG_CVM_CVM_643960-1_J.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_643960-1_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_643960-1_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

Agency Approvals**Agency Approval Document**

English