



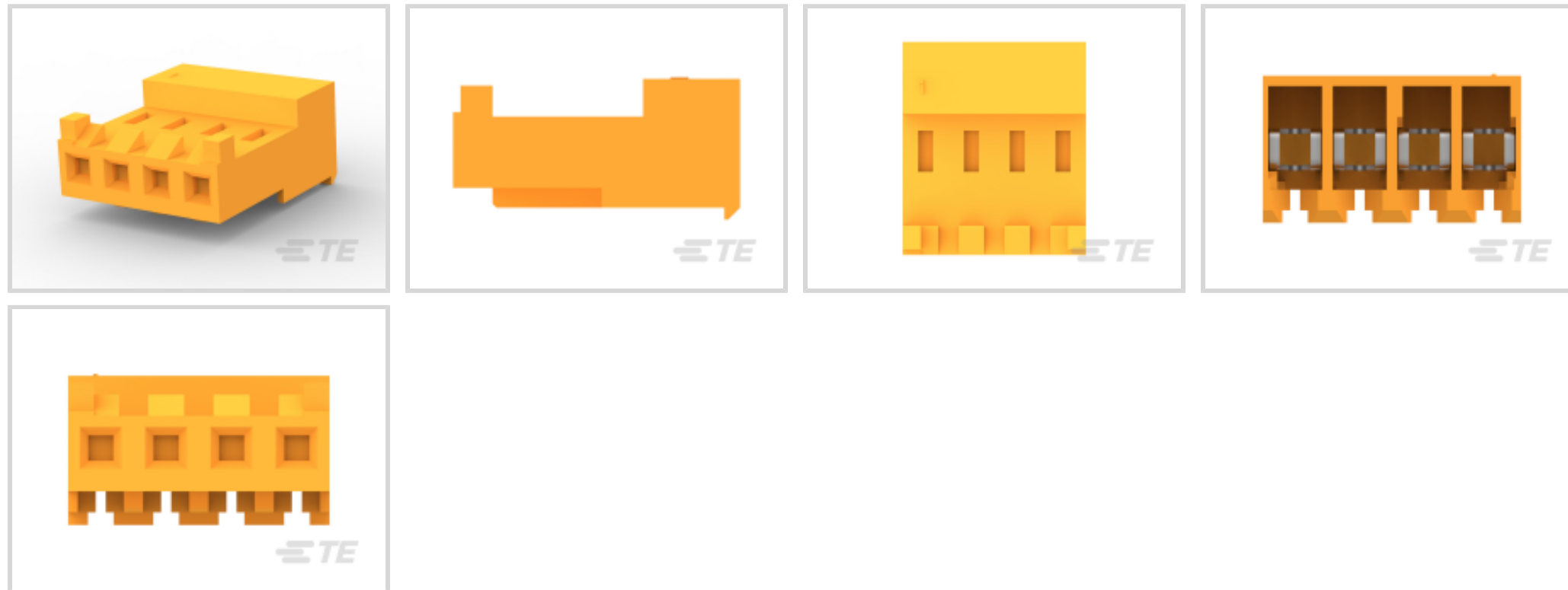
MTA 156

TE Internal #: 3-643817-4

Rectangular Power Connectors, Connector Assembly, Receptacle, Wire-to-Board, 4 Position, .156 in [3.96 mm] Centerline, MTA 156

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

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

Features

Product Type Features

| | |
|-----------------------------------|-------------------------------------|
| Rectangular Power Connector Type | Connector Assembly |
| Connector & Housing Type | Receptacle |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board, Wire & Cable |

Configuration Features

| | |
|---------------------------|---|
| Number of Positions | 4 |
| Number of Power Positions | 4 |
| Number of Rows | 1 |

Electrical Characteristics

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

Body Features

| | |
|-------------------|----------|
| Connector Profile | Standard |
|-------------------|----------|

Contact Features

| | |
|--|--|
| | |
|--|--|



| | |
|------------------------------------------------|------------------------------------------------------|
| Contact Layout | Inline |
| Contact Underplating Material | Nickel |
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 7 A |
| Contact Retention Within Housing | With |
| Contact Type | Receptacle |
| Wire Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | 2.03 – 5.08 μm [80 – 200 μin] |
| Contact Mating Area Plating Material Finish | Matte |
| Underplate Material Thickness | 30 μm [.762 μin] |
| Contact Termination Area Plating Thickness | 2.03 μm [80 μin] |

Termination Features

| | |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
| Wire/Cable Type | Discrete Wire |
| Wire Type | Stranded |

Mechanical Attachment

| | |
|---------------------------------------|----------------------------|
| Strain Relief | With |
| Mating Alignment Type | Polarizing Tab |
| Mating Alignment | With |
| Contact Retention Type Within Housing | Locking Lance |
| PCB Mount Alignment | Without |
| Panel Mount Feature | Without |
| PCB Mount Retention | Without |
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| Mating Retention | With |
| Mating Retention Type | Locking Ramp |

Housing Features

| | |
|------------------------------------|------------------|
| Wire & Cable IDC Installation Type | Closed End |
| Centerline (Pitch) | 3.96 mm[.156 in] |
| Housing Color | Orange |
| Housing Material | Nylon |
| Cable Exit Angle | 90° |



Dimensions

| | |
|----------------------------------------|----------------------|
| Wire Size | .823 mm ² |
| Height | 9.02 mm |
| Accepts Wire Insulation Diameter Range | 2.41 mm [.095 in] |
| Length | 15.85 mm |

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

| | |
|------------------------|-------------------------------|
| CSA Rating | Certified |
| UL Flammability Rating | UL 94V-2 |
| Glow Wire Rating | Standard Part - Not Glow Wire |
| Agency/Standard Number | E28476 |
| Agency/Standard | CSA, UL |
| UL Rating | Recognized |
| CSA File Number | LR7189 |

Packaging Features

| | |
|--------------------|-----------|
| Packaging Method | Bag & Box |
| Packaging Quantity | 250 |

Other

| | |
|--------------|-----------------|
| For Use With | MTA .156 Header |
|--------------|-----------------|

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |












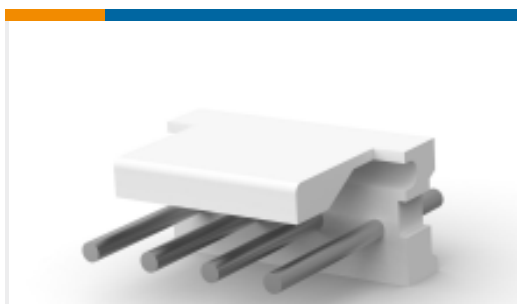


| | |
|-----------------|-------------------------------------------------------------------------------------|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|-------------------------------------------------------------------------------------|

| | |
|---------------------------|----------------------------------------------|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|----------------------------------------------|

Product Compliance Disclaimer

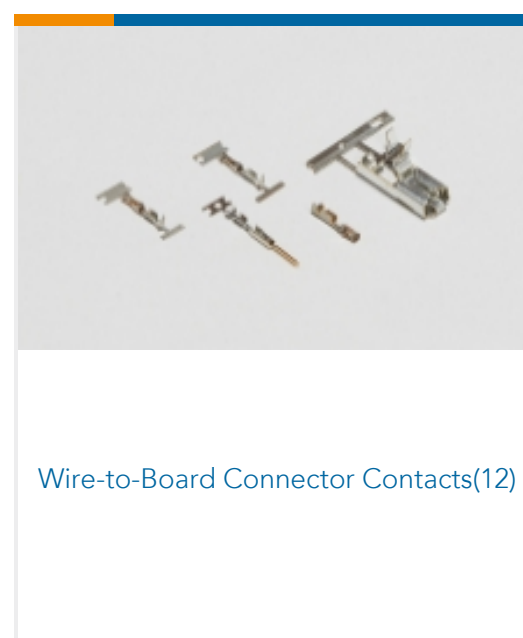
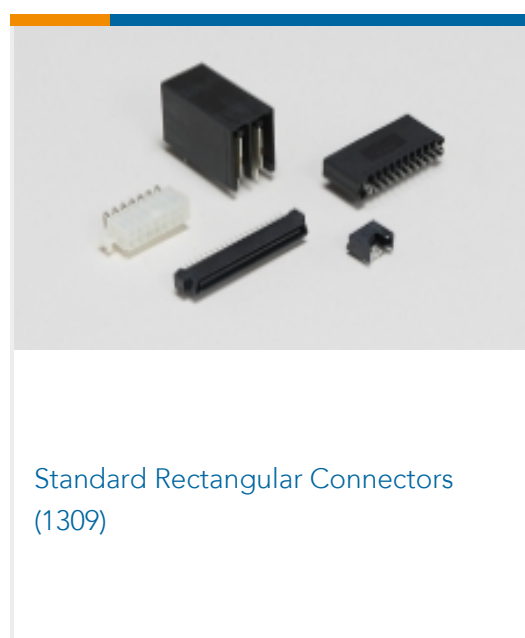
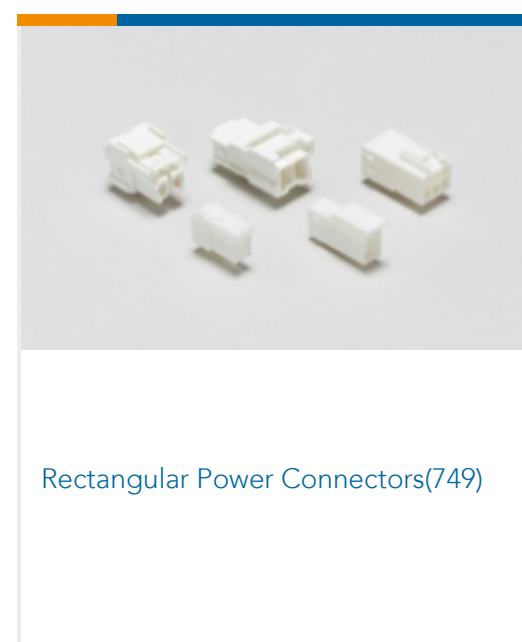
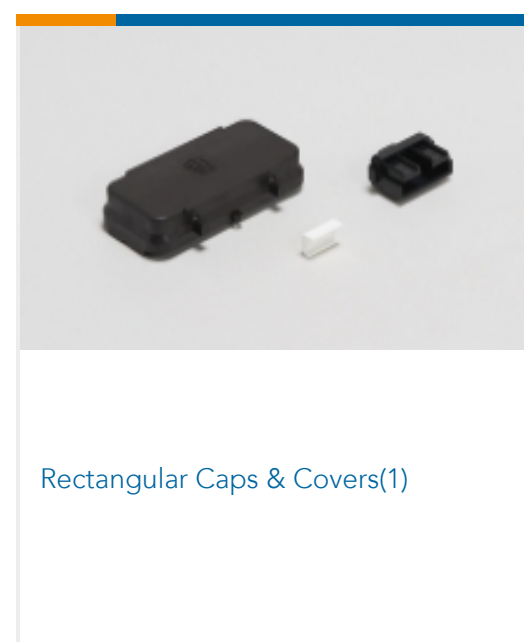
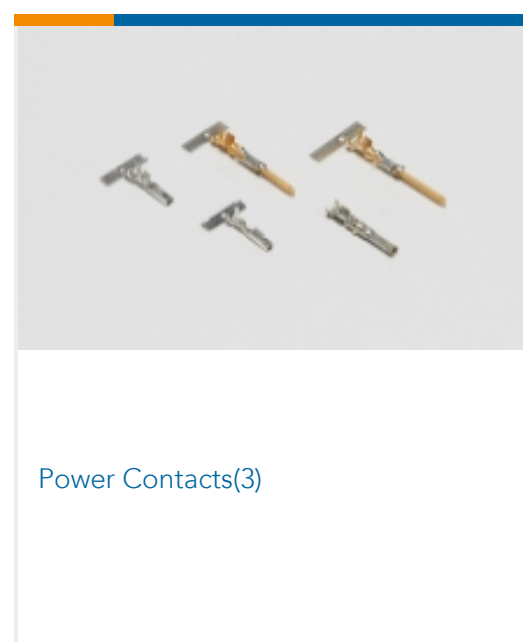
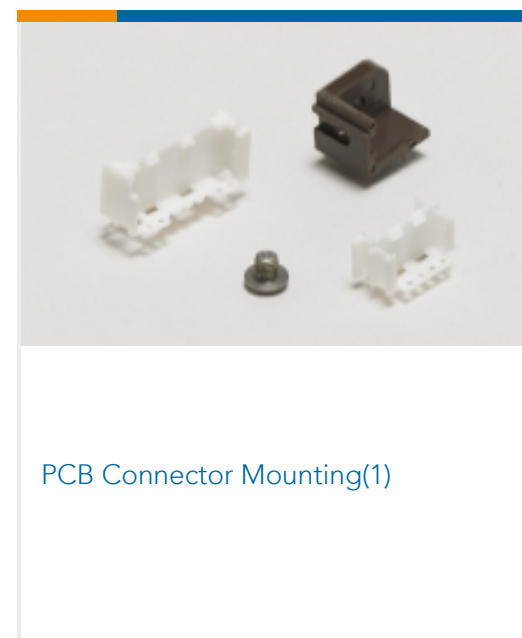
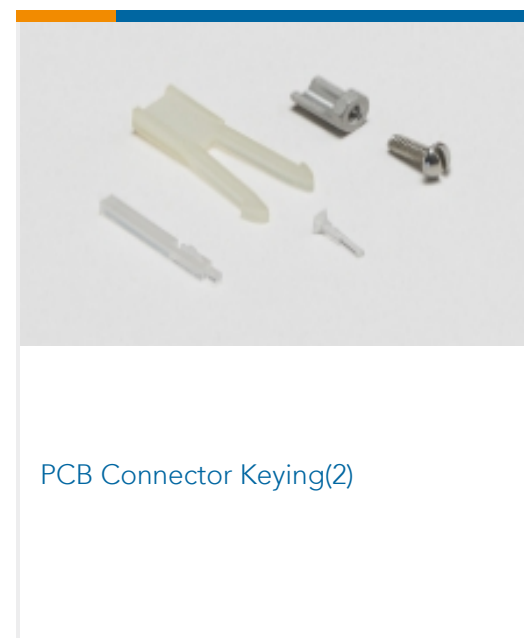
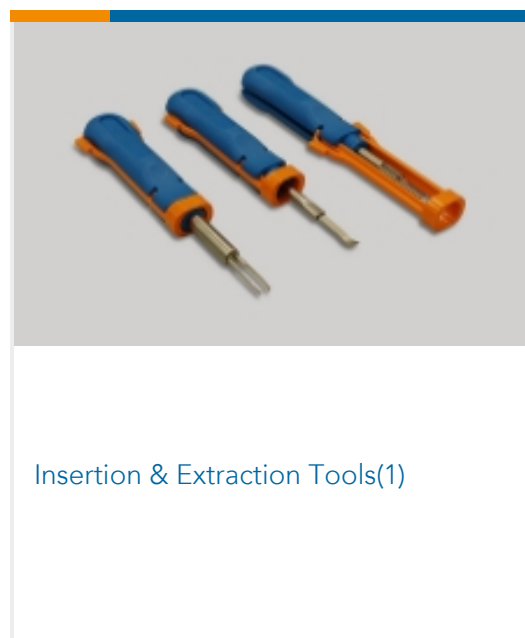
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

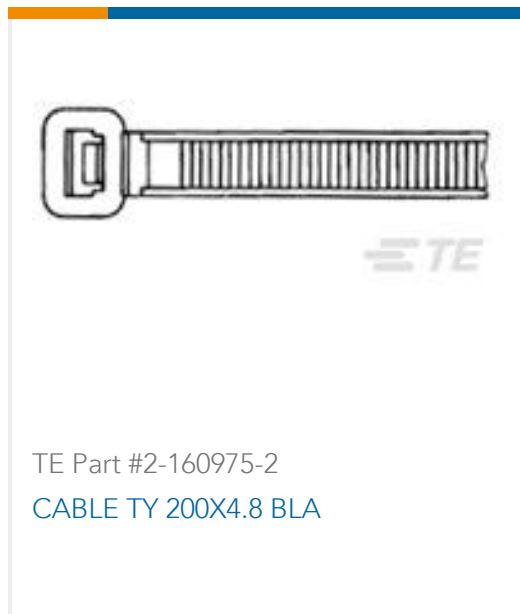
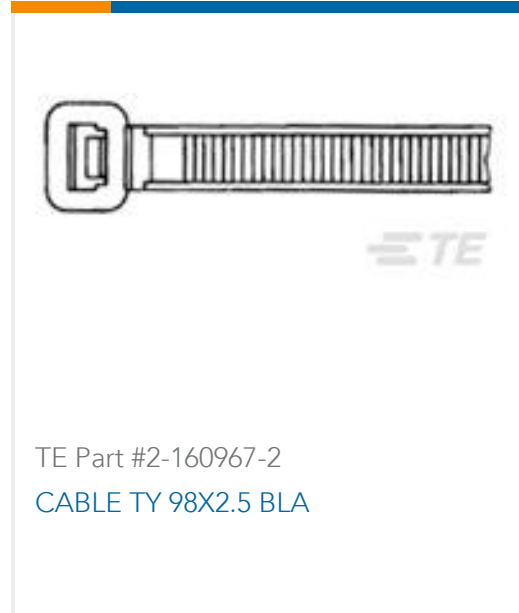
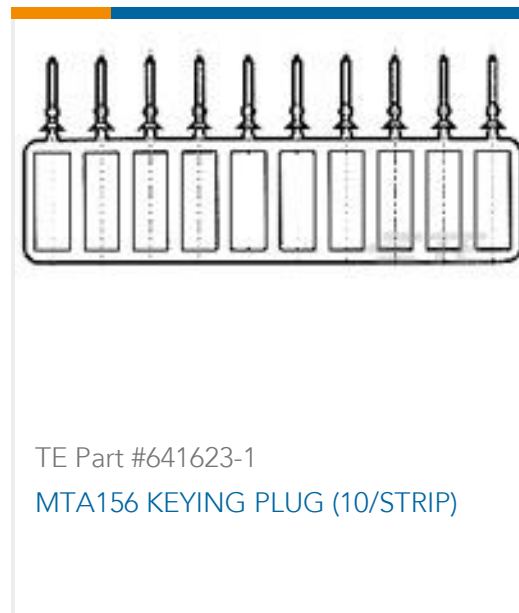
| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 58247-1 MTA 156 CRIMP HEAD REPAIR DISCRETE</p> |  <p>TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME</p> |  <p>TE Part # 643067-4 04P MTA156 CMOLDED COVER</p> |  <p>TE Part # 3-644613-4 04P MTA156 HDR RA PO WO PEG LF</p> |
|  <p>TE Part # 3-644754-4 04P MTA156 HDR ASSY SQ R/A F/L</p> |  <p>TE Part # 640385-4 04P MTA156 HDR ASSY SQ R/A</p> |  <p>TE Part # 640389-4 04P MTA156 HDR ASSY SQ R/A F/L</p> |  <p>TE Part # 644753-4 04P MTA156 HDR ASSY RN STR F/L</p> |
|  <p>TE Part # 640551-4 04P MTA156 COVER</p> |  <p>TE Part # 640388-4 04P MTA156 HDR ASSY RN STR F/L</p> |  <p>TE Part # 640643-4 04P MTA156 COVER F/T</p> |  <p>TE Part # 644752-4 04P MTA156 HDR ASSY SQ STR F/L</p> |



Also in the Series | MTA 156



Customers Also Bought



Documents

Product Drawings

[04P MTA156 CONN ASSY 18AWG ORA](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-643817-4_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-643817-4_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-643817-4_J.3d_stp.zip](#)

English

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Datasheets & Catalog Pages



[MTA, CST-100 II, SL-156 and AMP Economy Power \(EP\) Connectors](#)

English

[Product Specifications](#)

[Application Specification](#)

Japanese

[Application Specification](#)

English

[MTA 156 Ribbon Cable Connector Assemblies \(English And Spanish\)](#)

English

[MTA 156 Ribbon Cable Connector Assemblies \(English And Spanish\)](#)

Japanese

[Product Environmental Compliance](#)

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English

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