



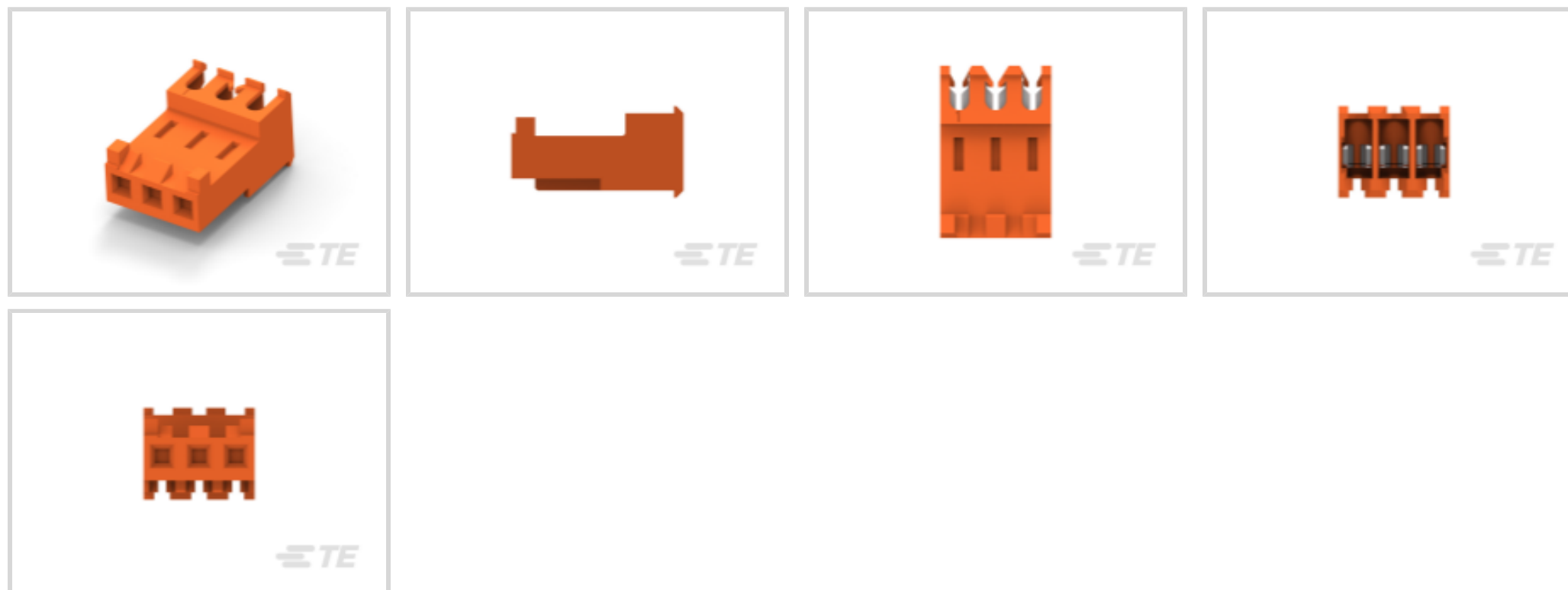
MTA 156

TE Internal #: 3-644718-3

Connector Assembly, Receptacle, Mating Alignment, Polarization
 Mating Alignment Type, Mating Retention, MTA 156, Standard
 Rectangular Connectors

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Insertion Force Type	Normal
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Compatible With Discrete Wire Type	Stranded

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Locking Ramp
Connector Mounting Type	Cable Mount (Free-Hanging)
Contact Retention Type Within Housing	Locking Lance



Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Operation/Application

Shielded	No
Circuit Application	Power

Contact Features

Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A
Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Type	Receptacle

Industry Standards

UL Flammability Rating	UL 94V-2
Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189

Configuration Features

Number of Positions	3
Number of Rows	1
Number of Cavities	3
Contacts Preloaded	Yes

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon
Housing Color	Orange

Electrical Characteristics

Operating Voltage	600 VAC
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Usage Conditions

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



EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Dimensions

Product Width	9.78 mm[.385 in]
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Product Length	11.89 mm[.468 in]
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Connector Height	18.42 mm[.725 in]
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Wire Size	18 AWG
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Packaging Features

Packaging Quantity	500
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Packaging Method	Bag/Box
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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>

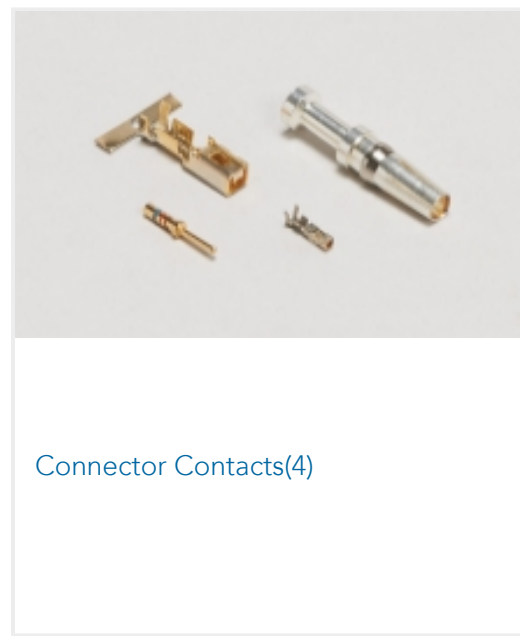
Compatible Parts



Also in the Series | **MTA 156**



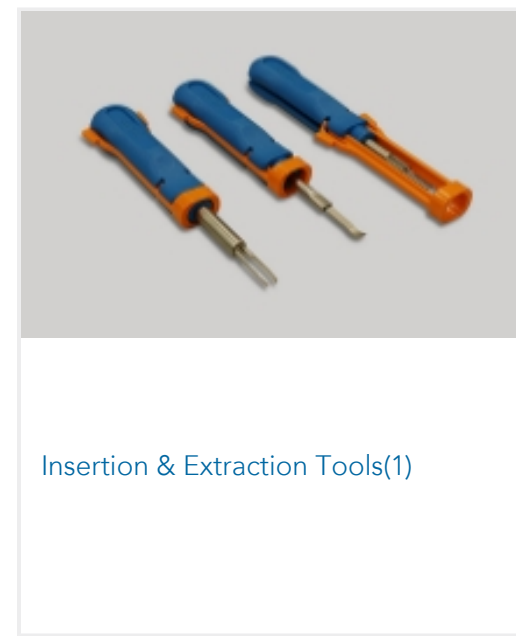
Connector Caps & Covers(89)



Connector Contacts(4)



Connector Hardware(2)



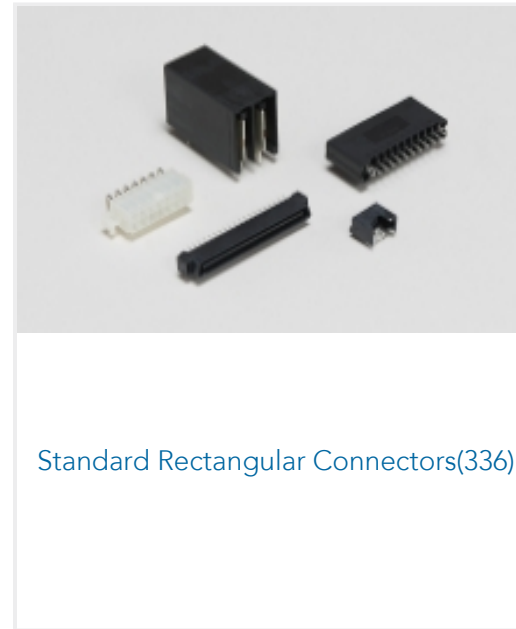
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)



Rectangular Power Connectors(331)



Standard Rectangular Connectors(336)

Customers Also Bought



TE Part #1-640250-4
14P SL156 HSG W/LCK RAMP NATL



TE Part #1-1971773-4
PTL 1X4 PLUG HSG STD TEMP KEY A NAT



TE Part #3-644460-3
03P MTA156 CONN ASSY 18AWG ORA



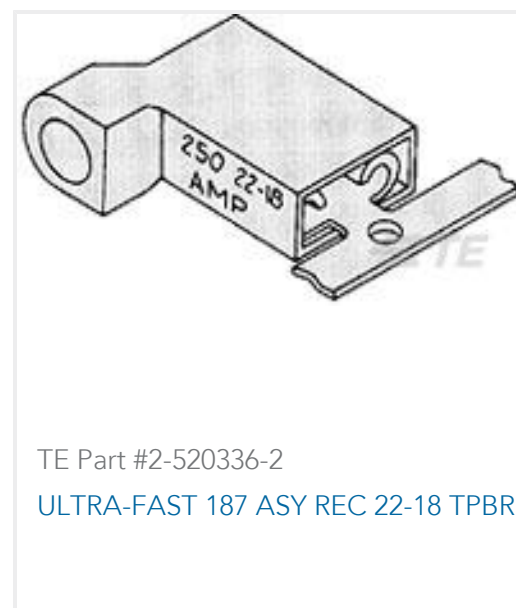
TE Part #3-643819-6
06P MTA156 CONN ASSY 22AWG RED



TE Part #350782-1
09P UMNL CAP HSG



TE Part #350536-7
UMNL SOK 20-14 .0126 AUNI/BR



TE Part #2-520336-2
ULTRA-FAST 187 ASY REC 22-18 TPBR



TE Part #41333
RING 18-14 AWG TPBR



TE Part #5052994173
RNF-100-1/8-BK-SP



TE Part #3-640433-5
05P MTA156 CONN ASSY 22AWG RED

Documents



Product Drawings

[03P MTA156 CONN ASSY 18AWG ORA](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-644718-3_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644718-3_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644718-3_M.3d_stp.zip](#)

English

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

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

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English