



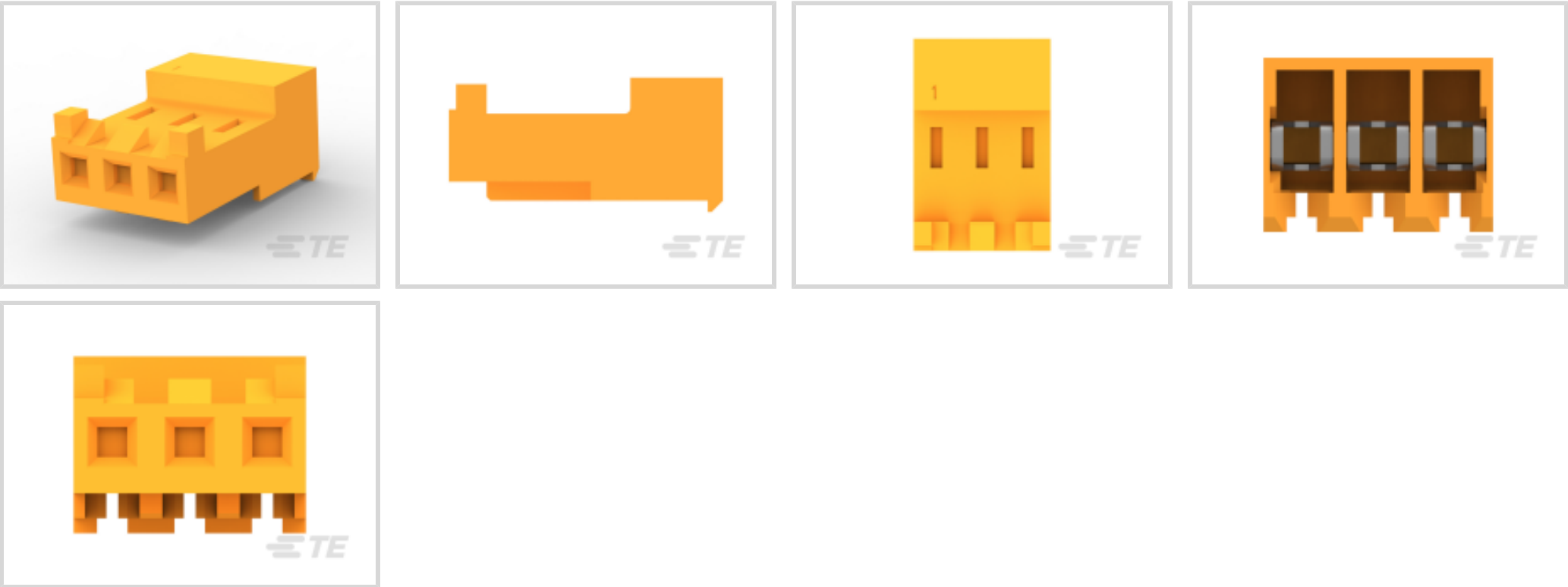
MTA 156

TE Internal #: 3-644460-3

Connector Assembly, Receptacle, Insulation Displacement (IDC), Wire-to-Board, MTA 156, Rectangular Wire & Cable Connectors & Housings

[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: **Polarizing Tab**
Mating Retention: **With**

Features

Product Type Features

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

Configuration Features

Number of Power Positions	3
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Cable Exit Angle	90°
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Primary Product Color	Orange
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 – 1.77 µm[1.27 – 1.77 µin]
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.076 µm[3 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	.38 µm[15 µin]
Contact Type	Receptacle
Contact Mating Area Plating Material	Gold (Au), Gold Flash over Palladium Nickel
Contact Retention Within Housing	With
Contact Current Rating (Max)	7 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

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

Housing Features

Housing Material	Nylon
Wire & Cable IDC Installation Type	Closed End
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

Compatible Insulation Diameter Range	2.41 mm[.095 in]
Connector Height	9.02 mm[.355 in]
Wire Size	18 AWG



Connector Length11.89 mm[.468 in]

Usage Conditions

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

Operation/Application

Circuit ApplicationPower & Signal

Industry Standards

Compatible With Agency/Standards ProductsCSA, UL

UL RatingRecognized

Compatible With Approved Standards ProductsUL E28476

CSA RatingCertified, LR 7189

Glow Wire RatingStandard Part - Not Glow Wire

UL Flammability RatingUL 94V-2

Packaging Features

Packaging Quantity500

Packaging MethodBag

Product Compliance

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

EU RoHS Directive 2011/65/EUCompliant

EU ELV Directive 2000/53/ECCompliant

China RoHS 2 Directive MIIT Order No 32, 2016No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006
Current ECHA Candidate List: JAN 2025 (247)
Candidate List Declared Against: JAN 2025 (247)
Does not contain REACH SVHC

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

Solder Process CapabilityNot applicable for solder process capability

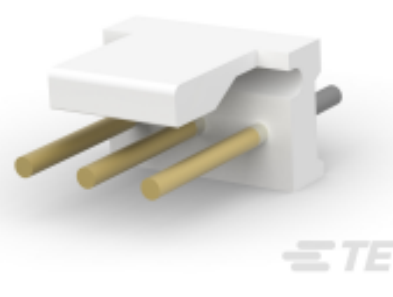
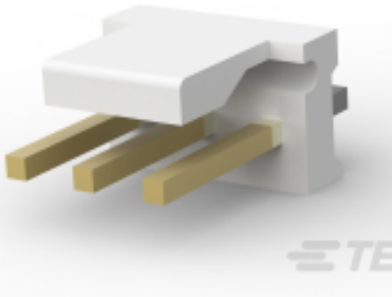
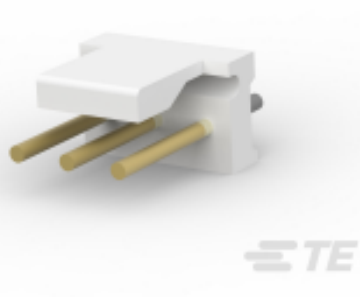
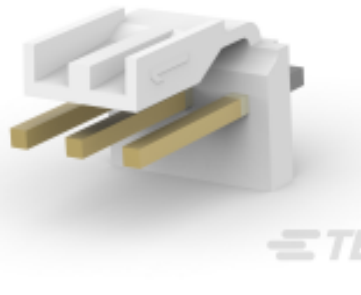
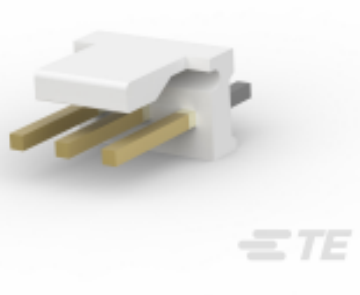
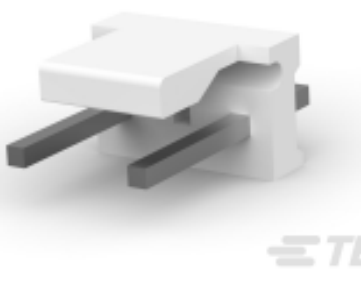
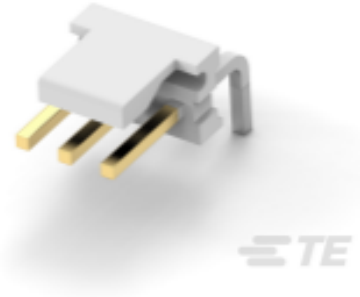
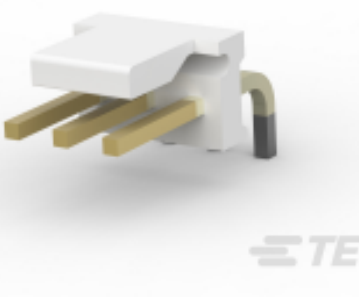
Product Compliance Disclaimer

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

 TE Part # 3-644760-3 03P MTA156 HDR ASSY FL ST LF	 TE Part # 3-641208-3 03P MTA156 HDR ASSY FL ST LF	 TE Part # 3-641209-3 03P MTA156 HDR ASSY FL ST LF	 TE Part # 641937-2 03P MTA156 HDR ASSY SQ W/O#3
 TE Part # 58247-1 MTA 156 CRIMP HEAD REPAIR DISCRETE	 TE Part # 3-641202-3 03P MTA156 HDR ASSY PL 30AU LF	 TE Part # 58247-2 MTA 156 CRIMP HEAD PRODUCTION DISCRETE	 TE Part # 643071-3 03P MTA156 FD-THRU COVER
 TE Part # 3-644631-3 03P MTA156 HDR ASSY STR LF	 TE Part # 3-644759-3 03P MTA156 HDR ASSY STR LF	 TE Part # 2472633-1 03P MTA156 HDR ASSY W/O#2 LF W/ CHMFR	 TE Part # 59804-1 MAINTENANCE TOOL
 TE Part # 641937-1 03P MTA156 HDR ASSY STR W/O#2	 TE Part # 3-644761-3 03P MTA156 HDR ASSY R/A F/L LF	 TE Part # 640551-3 03P MTA156 COVER	 TE Part # 3-641210-3 03P MTA156 HDR FLRA FB 30AU LF



TE Part # 3-644633-3
03P MTA156 HDR ASSY R/A LF



TE Part # 58247-3
MTA 156 CRIMP HEAD PRODUCTION RBBN CABLE



TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 643067-3
03P MTA156 MOLDED COVER

Also in the Series | MTA 156



Connector Caps & Covers(89)



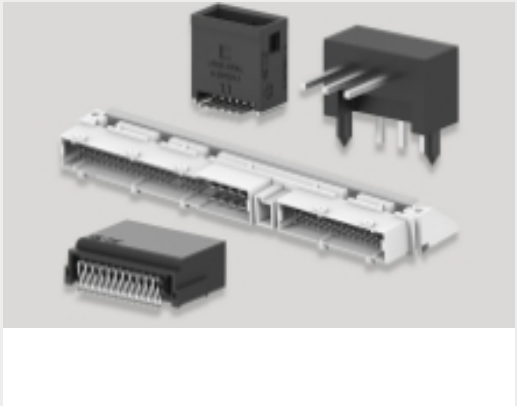
Connector Contacts(4)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(1178)



Wire-to-Board Headers & Receptacles (677)

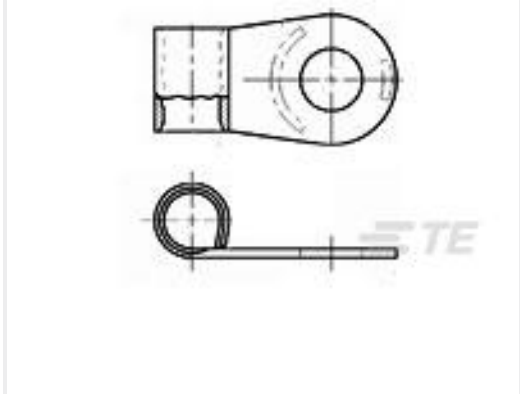
Customers Also Bought



TE Part #8-640917-1
RECEPT,PIDG FASTON 22-18 187



TE Part #38946-22L
CONT SOC ASSY



TE Part #321060
TERMINAL,SOLIS FLAG R 4 5/16



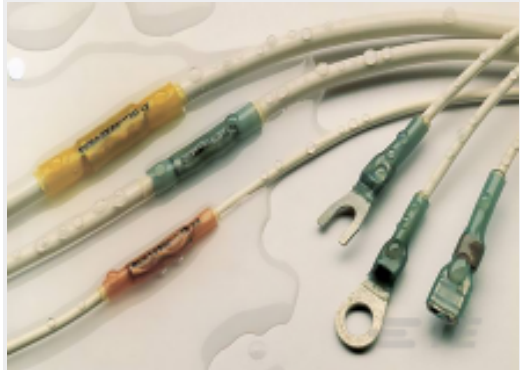
TE Part #350536-7
UMNL SOK 20-14 .0126 AUNI/BR



TE Part #8-640919-1
RECEPT,PIDG FASTON 16-14 187



TE Part #D369-P33-NS1
369 3 WAY PLUG, CRIMP, SKT



TE Part #157013-000
B-106-1502-S



TE Part #346108-000
S02-13-R



TE Part #53423-1
[TERMINAL,PIDG PVF2 R 12-10 6](#)



TE Part #6609008-5
[15EJH1=F8051 S0](#)

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-644460-3_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644460-3_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-644460-3_N.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

[UL](#)

English

[UL](#)

English

