



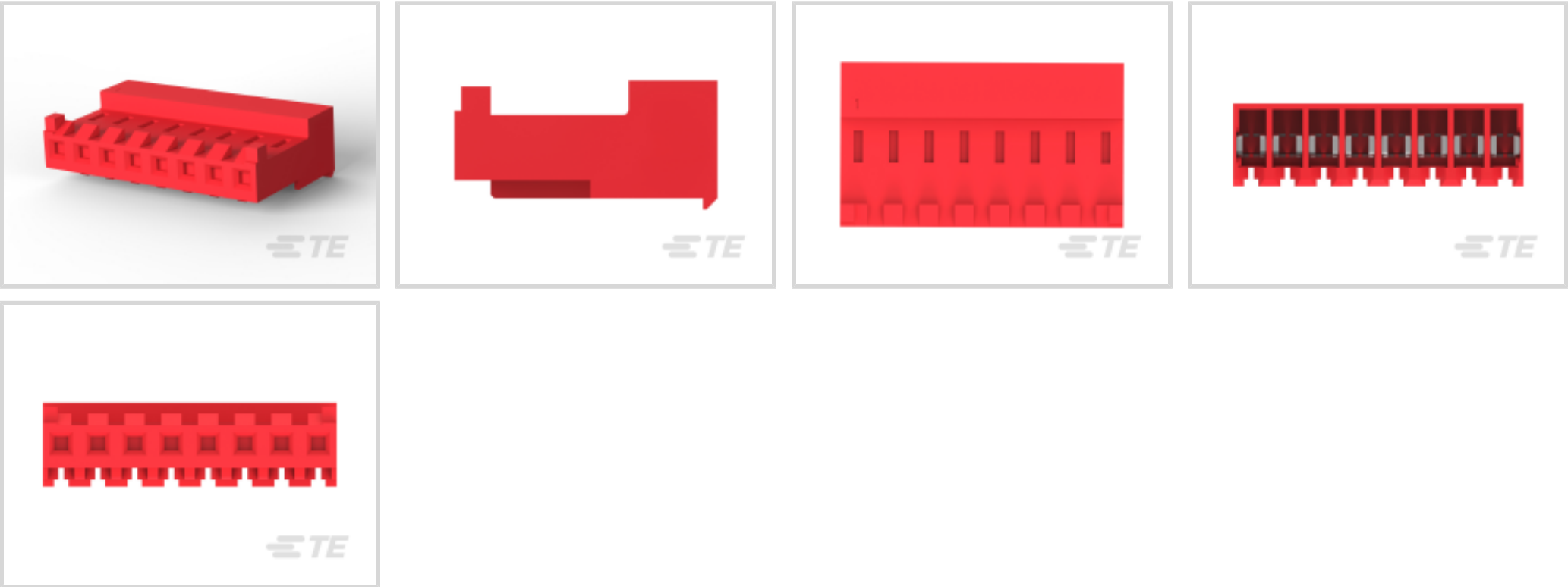
MTA 156

TE Internal #: 3-644662-8

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 Signal Positions	0
Number of Power Positions	8
Number of Positions	8
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	Red
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Contact Features

Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	1.27 – 1.77 µm[1.27 – 1.77 µin]
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Wire Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
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Contact Layout	Inline
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Contact Base Material	Copper Alloy
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Wire Contact Termination Area Plating Thickness	.76 µm[29.92 µin]
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Contact Type	Receptacle
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Contact Mating Area Plating Material	Gold (Au), Gold Flash over Palladium Nickel
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Contact Retention Within Housing	With
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Contact Current Rating (Max)	7 A
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Termination Features

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

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

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

Compatible Insulation Diameter Range	2.41 mm[.095 in]
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Connector Height	9.02 mm[.355 in]
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Wire Size	22 AWG
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Connector Length	31.7 mm[1.248 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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UL Rating	Recognized
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Compatible With Approved Standards Products	UL E28476
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CSA Rating	Certified, LR 7189
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Glow Wire Rating	Standard Part - Not Glow Wire
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UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	250
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Packaging Method	Bag
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not applicable for solder process capability
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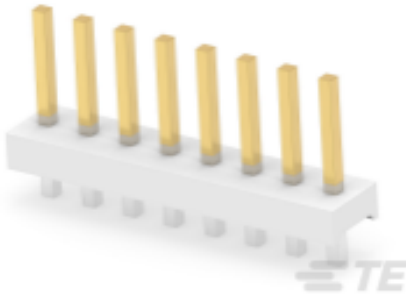
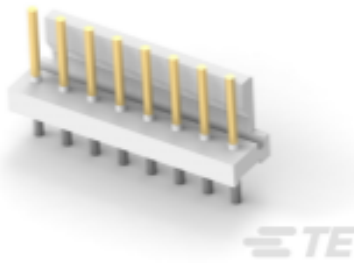
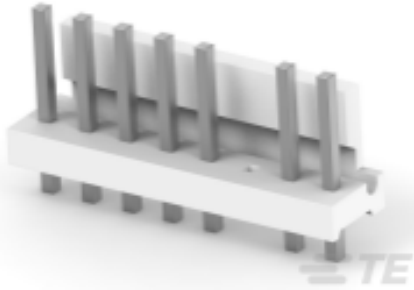
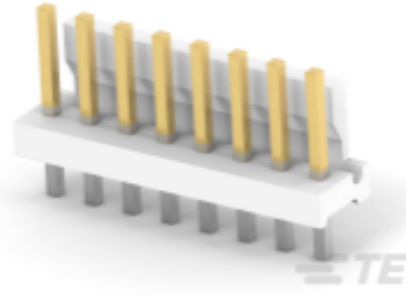
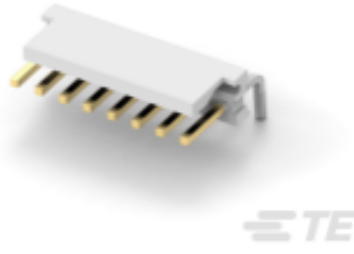
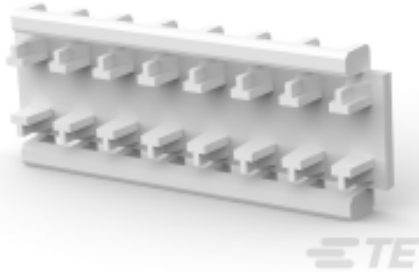
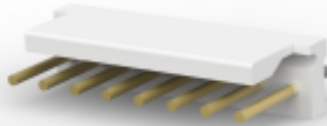
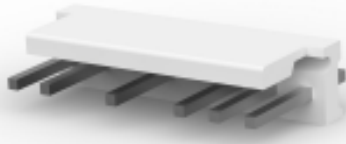
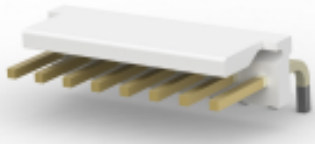
Product Compliance Disclaimer

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



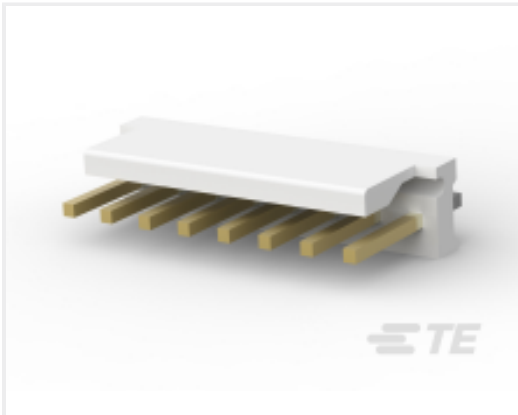
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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

 TE Part # 3-641202-8 08P MTA156 HDR ASSY PL 30AU LF	 TE Part # 3-644760-8 08P MTA156 HDR ASSY FL ST LF	 TE Part # 640643-8 08P MTA156 COVER F/T	 TE Part # 641922-2 08P MTA156 HDR ASSY STR W/O#3
 TE Part # 3-644759-8 08P MTA156 HDR ASSY STR LF	 TE Part # 3-644761-8 08P MTA156 HDR ASSY R/A F/L 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 # 643067-8 08P MTA156 MOLDED COVER	 TE Part # 640551-8 08P MTA156 COVER	 TE Part # 643071-8 08P MTA156 FD-THRU COVER	 TE Part # 3-641209-8 08P MTA156 HDR ASSY FL ST LF
 TE Part # 641922-1 08P MTA156 HDR ASSY STR W/O#4	 TE Part # 641922-6 08P MTA156 HDR ASSY W/O#4,6	 TE Part # 58247-2 MTA 156 CRIMP HEAD PRODUCTION DISCRETE	 TE Part # 3-641210-8 08P MTA156 HDR FLRA FB 30AU LF



TE Part # 641938-6
08P MTA156 HDR W/O#3 .045 RD



TE Part # 3-641208-8
08P MTA156 HDR ASSY FL ST LF

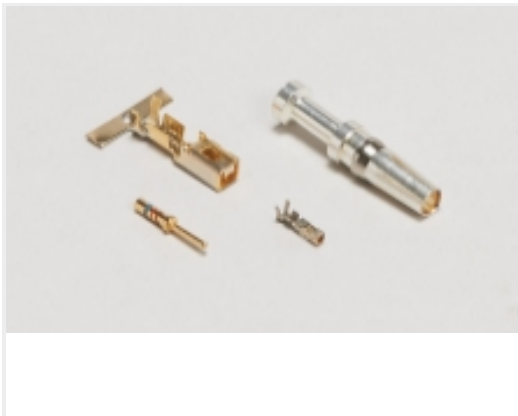


TE Part # 641922-3
08P MTA156 HDR ASSY STR W/O#2

Also in the Series | MTA 156



Connector Caps & Covers(89)



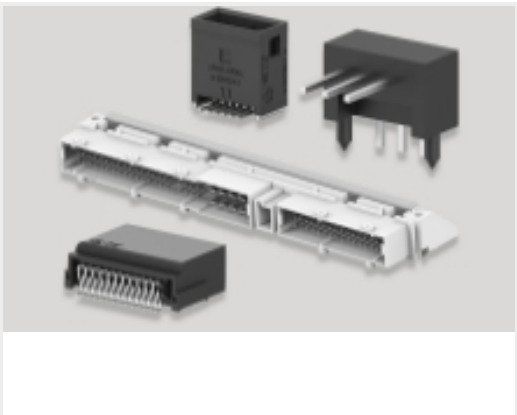
Connector Contacts(4)



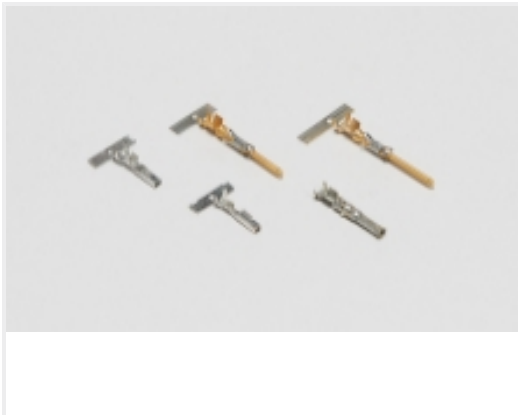
Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(677)



Power Contacts(3)



Rectangular Power Connectors(1178)

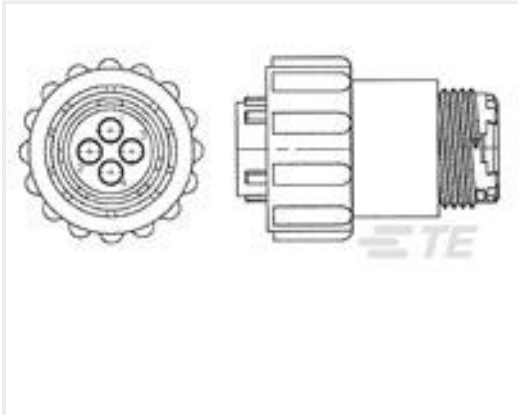


Wire-to-Board Headers & Receptacles (677)

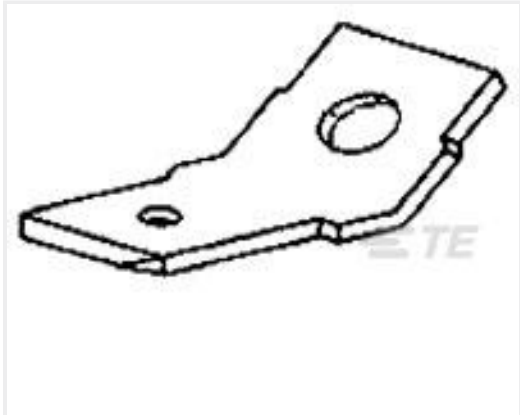
Customers Also Bought



TE Part #2040008-1
INDUSTRIAL MINI I/O PLUG KIT D2



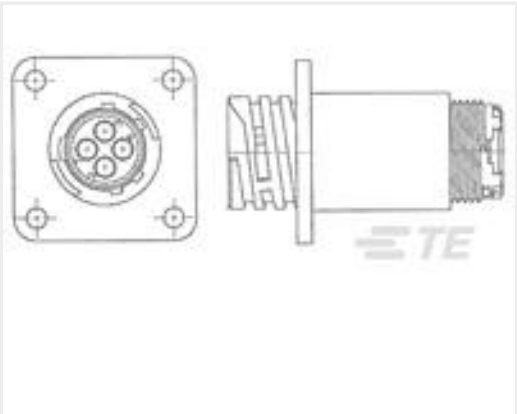
TE Part #796288-1
PLUG.ASSY,23-37STD SEX THRD AD



TE Part #61664-1
187 FASTON TAB TPBR



TE Part #1-175195-2
DYNAMIC D-3 REC CONT/M AU 0.38



TE Part #796286-1
RCPT.ASSY,23-37STD SEX SQ.FLNG



TE Part #182923-1
CPC PLUG ASSY SIZE 23-37



TE Part #130130
SOLIS R 16-14 M6



TE Part #4-2271014-0
CELLO,REC,96P,TH,V,FG,DIP3.0,-



Documents

Product Drawings

08P MTA156 CONN ASSY 22AWG LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-644662-8_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-644662-8_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-644662-8_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

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