

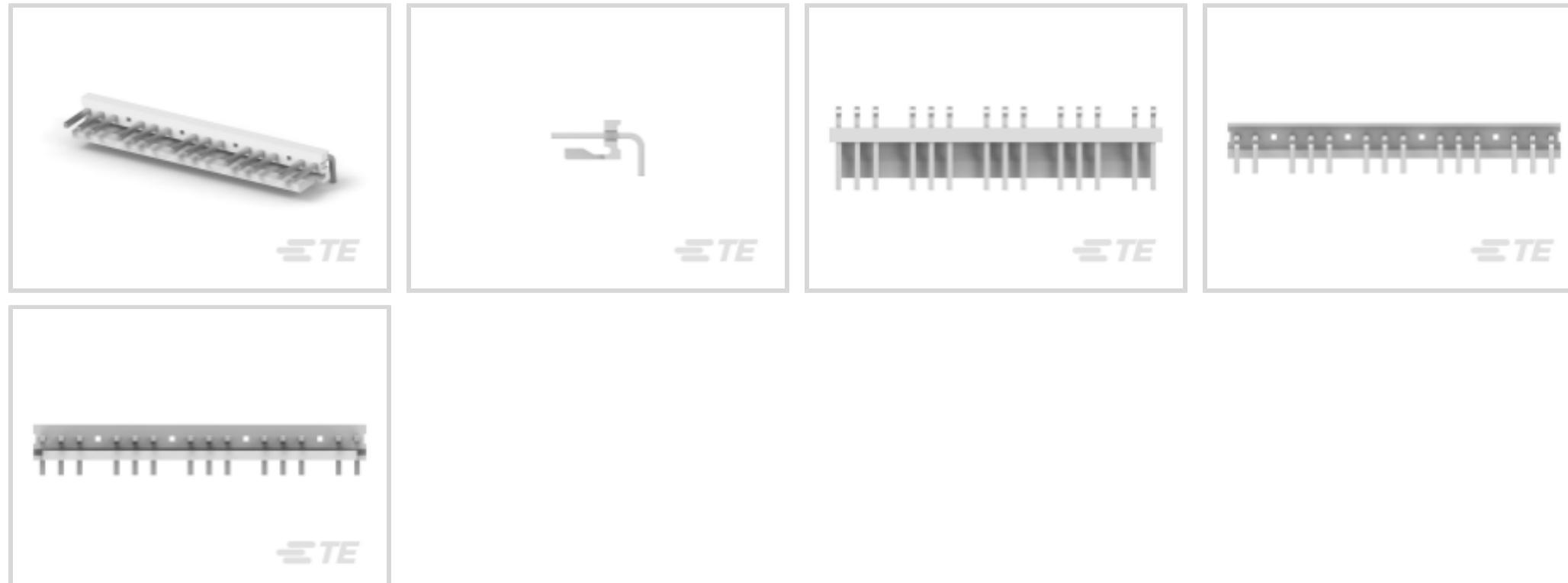
644960-1

✓ ACTIVE

MTA 156

TE Internal #: 644960-1

PCB Mount Header, Right Angle, Wire-to-Board, 18 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, MTA 156

[View on TE.com >](#)[Connectors > PCB Connectors > PCB Headers & Receptacles](#)Connector System: **Wire-to-Board**Number of Positions: **18**Number of Rows: **1**Centerline (Pitch): **3.96 mm [.156 in]**PCB Mount Orientation: **Right Angle****Features****Product Type Features**

Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header

Configuration Features

Number of Columns	18
Number of Loaded Positions	14
Number of Positions	18
Number of Rows	1
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Mating Area Length	10.16 mm[.4 in]
Mating Square Post Dimension	1.14 mm[.045 in]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Inline
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	7 A

Termination Features

Square Termination Post & Tail Dimension	1.14 mm[.045 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Panel Mount Feature	Without
Mating Retention Type	Friction Lock
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

Right Angle Bending Side	Rear
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Housing Material

Polyester - GF

Centerline (Pitch)

3.96 mm [.156 in]

Dimensions

Connector Length

71.32 mm [2.808 in]

Connector Height

7.62 mm [.3 in]

Connector Width

17.88 mm [.704 in]

PCB Thickness (Recommended)

1.6 mm [.063 in]

Usage Conditions

Operating Temperature Range

-55 – 105 °C [-67 – 221 °F]

Operation/Application

Circuit Application

Power

Industry Standards

Agency/Standard

CSA, UL

Approved Standards

CSA LR7189, UL E28476

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

250

Packaging Type

Package

Other

Position Locations Omitted

4, 8, 12, 16

Number of Blocked Positions

4

Product ComplianceFor 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 2023
(235)Candidate List Declared Against: JUNE
2023 (235)

Does not contain REACH SVHC

Halogen Content

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

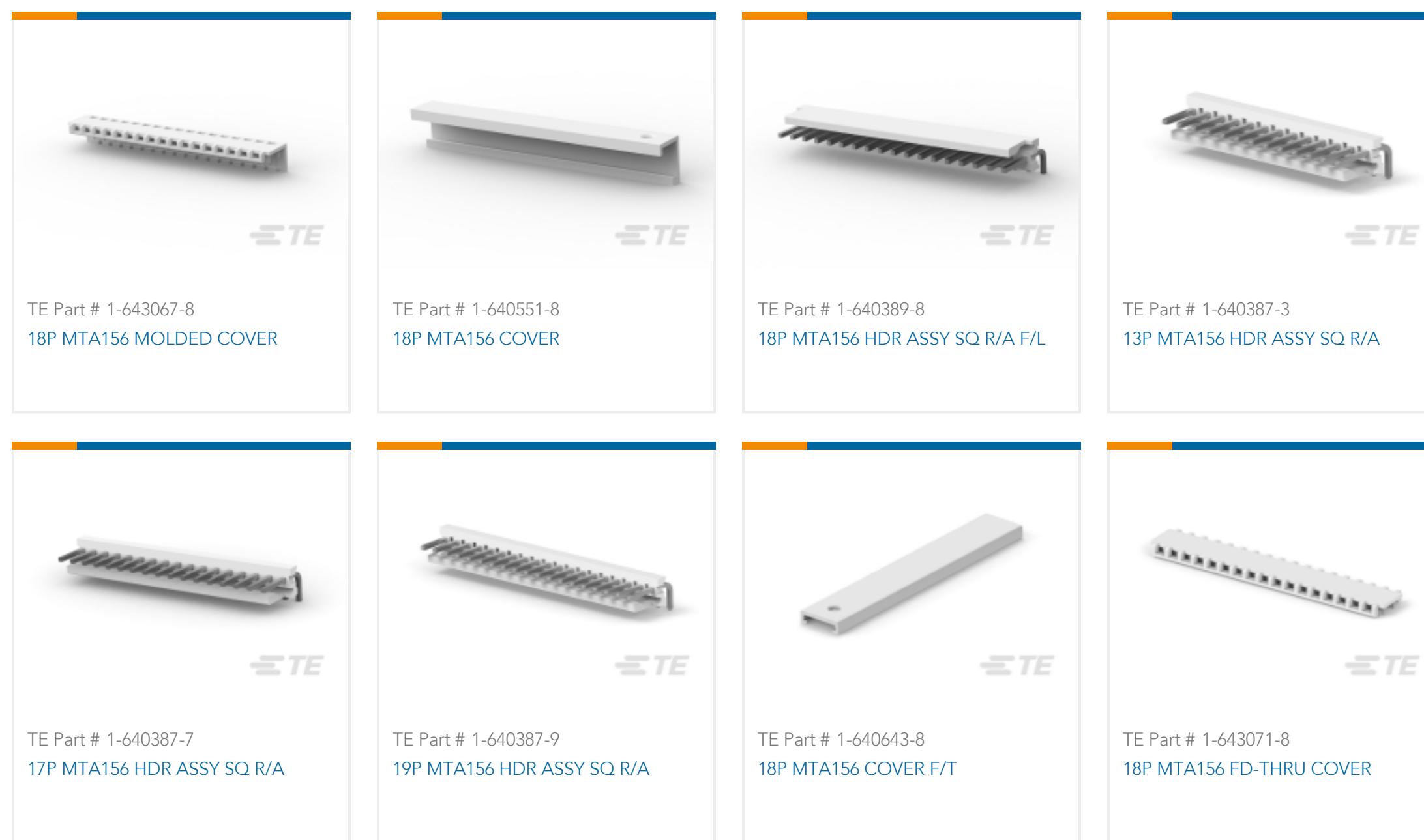
Solder Process Capability

Wave solder capable to 265°C

Product Compliance Disclaimer

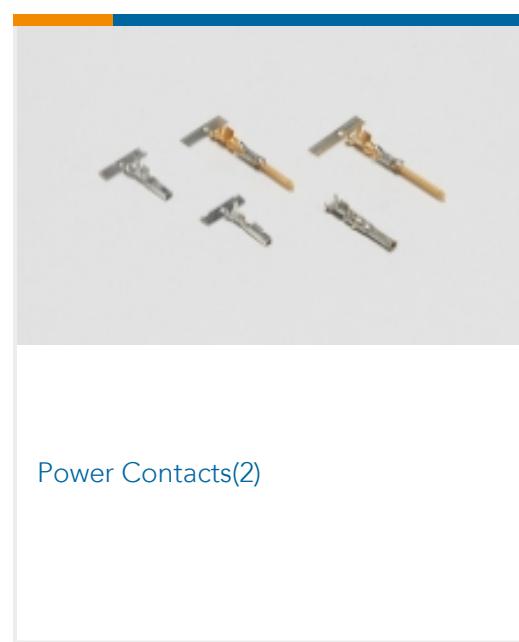
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

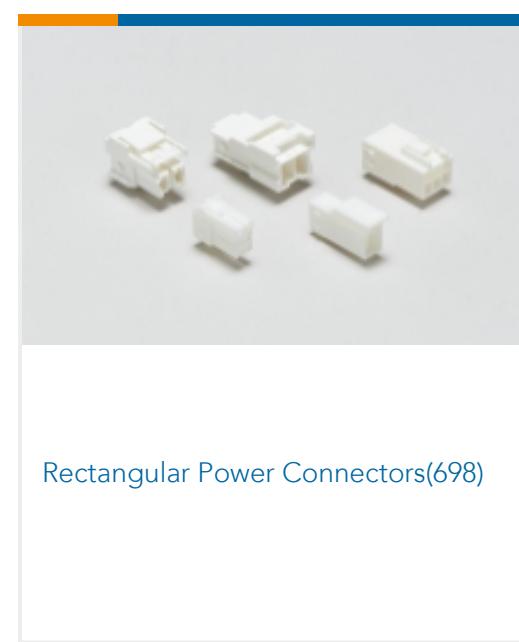
Also in the Series | **MTA 156**



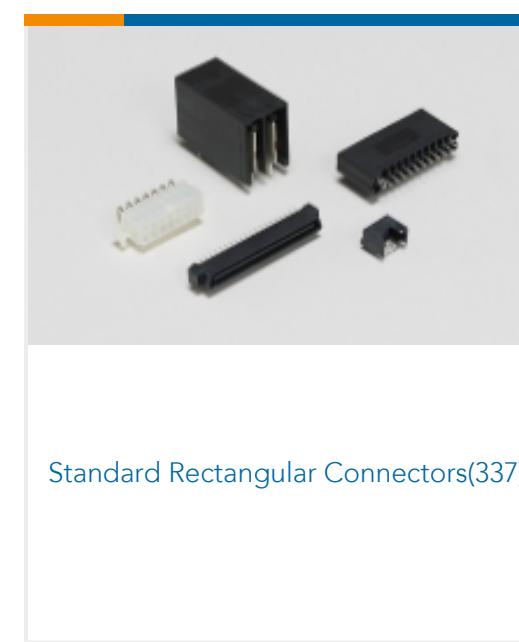
PCB Headers & Receptacles(314)



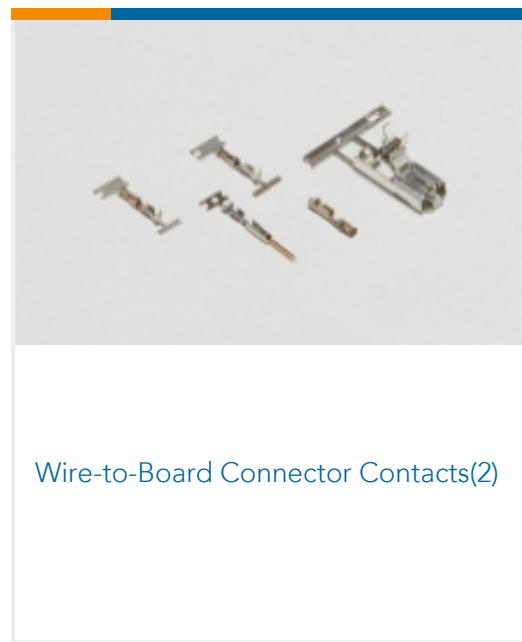
Power Contacts(2)



Rectangular Power Connectors(698)



Standard Rectangular Connectors(337)



Wire-to-Board Connector Contacts(2)

Customers Also Bought

TE Part #5-1462037-4
IM41GR=IM RELAY 100mW 3V BISTE Part #0462-201-16141
SOC, SOLID, SIZE 16, 16-20AWG, NITE Part #179228-6
CRIMP TYPE II RECPT HSGTE Part #745286-2
LATCHING BLOCKTE Part #2-1419108-6
RTB14024FTE Part #1217861-1
250 FASTON,PCB TAB,TCBRTE Part #6-534237-4
16 MODII VRT SR CE 100/115TE Part #644959-1
17P MTA156 R/A ASY WO4,8,12,15TE Part #644961-1
19P MTA156 HDR ASY WO4,8,12,16TE Part #6-146276-4
14 MODII HDR SRST B/A .100CL

Documents

Product Drawings[18P MTA156 HDR ASY WO4,8,12,16](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_644960-1_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_644960-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_644960-1_C.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