

3-520410-2 ✓ ACTIVE

Ultra-Fast | Ultra-Fast 187

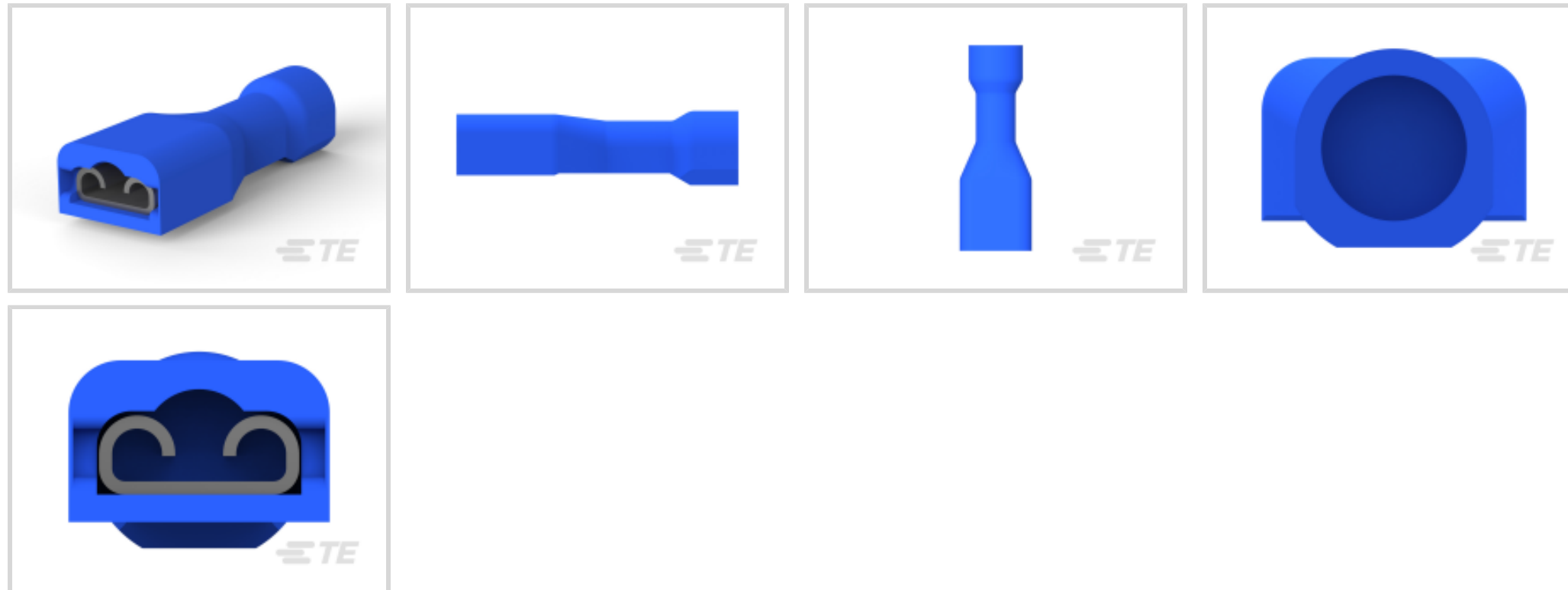
TE Internal #: 3-520410-2

Receptacle, 16 – 14 AWG Wire Size, 1.31 – 2.08 mm<sup>2</sup> Wire Size,  
Mating Tab Width 4.75 mm [.187 in], Straight, Brass, Ultra-Fast 187,  
Quick Disconnects

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: 1.31 – 2.08 mm<sup>2</sup>

Mating Tab Width: 4.75 mm [.187 in]

Mating Tab Thickness: .51 mm [.02 in]

## Features

### Product Type Features

Terminal Features	Wire Stop
Insertion Force	Normal

### Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	Discrete Wire

### Electrical Characteristics

Voltage Rating	600 V
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### Body Features

Insulation Material	Nylon
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### Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm [.187 in]
Mating Tab Thickness	.51 mm [.02 in]
Terminal Orientation	Straight



Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp
Barrel Type	Closed

### Termination Features

Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

### Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	21.75 mm[.855 in]
Compatible Insulation Diameter Range	2.29 – 4.06 mm[.09 – .16 in]
Wire Size	1.31 – 2.08 mm <sup>2</sup>

### Usage Conditions

Insulation Option	Fully Insulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

### Industry Standards

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-2

### Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece/Carton

### Other

Barrel Color	Blue
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### 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 2024 (241)  
 Candidate List Declared Against: JUNE 2024 (241)  
 Does not contain REACH SVHC

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

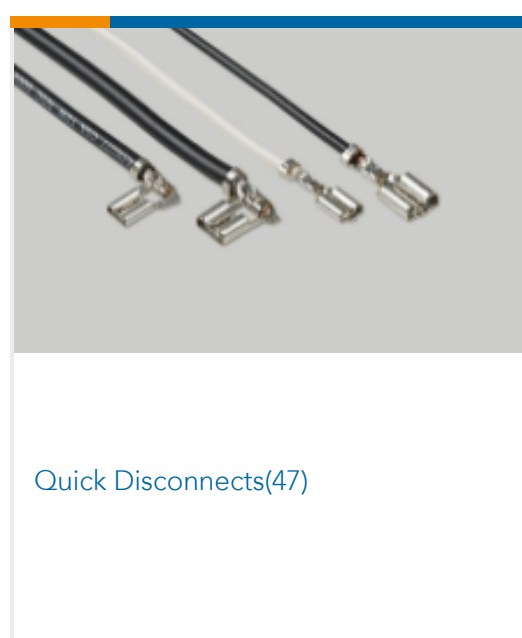
Product Compliance Disclaimer

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



### Also in the Series | Ultra-Fast 187



### Customers Also Bought



TE Part #5-102618-1  
06 MODII HDR DRST SHRD .100CL



TE Part #770329-1  
04P .093 COMM P&S RECPT .250CL



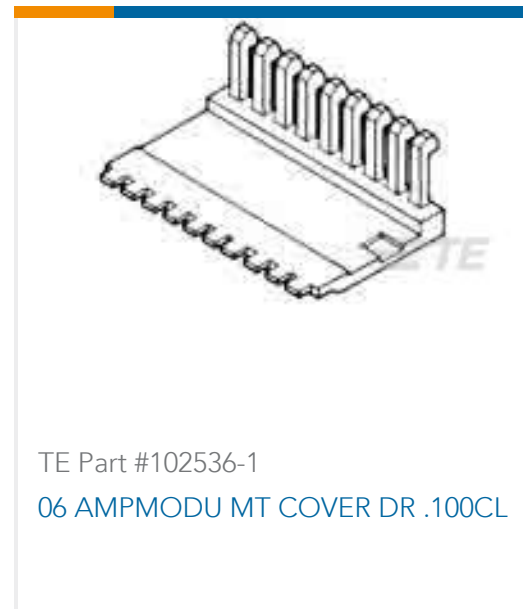
TE Part #1877285-5  
05P EP SHRD HDR ASMY, WHITE



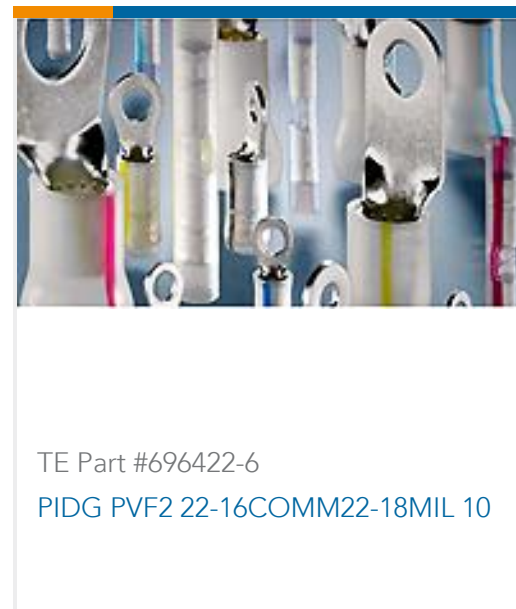
TE Part #5-102694-1  
06 ampmodu mt assy dr.sn



TE Part #6-1393250-1  
W28-XT1A-0.50=W28



TE Part #102536-1  
06 AMPMODU MT COVER DR .100CL



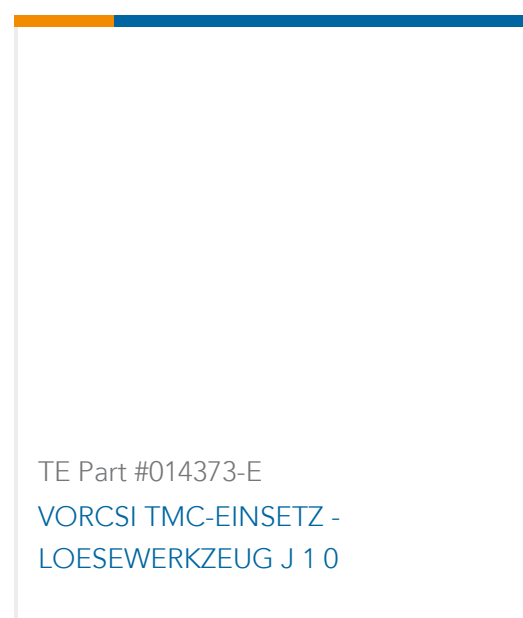
TE Part #696422-6  
PIDG PVF2 22-16COMM22-18MIL 10



TE Part #3-644893-4  
04P CST100 SHRD HDR ASSY LF



TE Part #102540-1  
06 AMPMODU MT COVER DR .100CL



TE Part #014373-E  
VORCSI TMC-EINSETZ -  
LOESEWERKZEUG J 1 0

## Documents

### Product Drawings

[ULTRA-FAST 187 ASY REC 16-14 AWG TPBR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-520410-2\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-520410-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-520410-2\\_C.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages



## Ultra-Fast and Ultra Fast Plus

English

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## Product Specifications

### Application Specification

English

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## Agency Approvals

### Agency Approval Document

English