

102387-4 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 102387-4

20 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0,  
2.54 mm [.1 in] Centerline, 2 Row, 250 VAC, Wire & Cable, Signal,  
AMPMODU IV/V

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

UL Flammability Rating: **UL 94V-0**

Number of Positions: **20**

## Features

### Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	20
Number of Rows	2

### Electrical Characteristics

Termination Resistance	12 mΩ
Dielectric Withstanding Voltage (Max)	750 V
Insulation Resistance	5000 MΩ
Operating Voltage	250 VAC

### Body Features



Primary Product Color	Black
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### Contact Features

Contact Base Material	Beryllium Copper
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Contact Type	Receptacle
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Contact Current Rating (Max)	3 A
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Strain Relief	Without
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Mating Retention	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Housing Entry Configuration	Both Ends Closed
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Centerline (Pitch)	2.54 mm [.1 in]
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Housing Material	Thermoplastic
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### Dimensions

Connector Height	7.23 mm [.285 in]
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Connector Length	29.97 mm [1.18 in]
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Row-to-Row Spacing	2.54 mm [.1 in]
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### Usage Conditions

Operating Temperature Range	-65 – 105 °C [-85 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
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Glow Wire Rating	Standard Part - Not Glow Wire
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Bag
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Packaging Quantity	500
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



TE Part # 5103310-5  
A/L LOW PRO HDR 20P RA BLACK



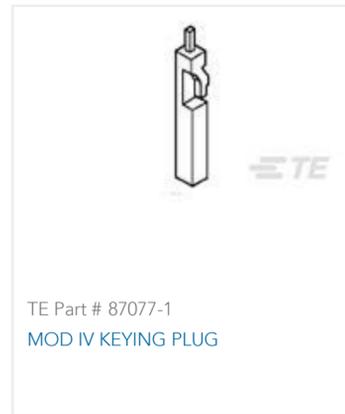
TE Part # 103455-1  
MOD V RECP PLTD 30 AU



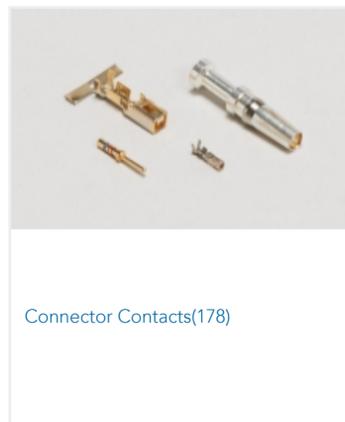
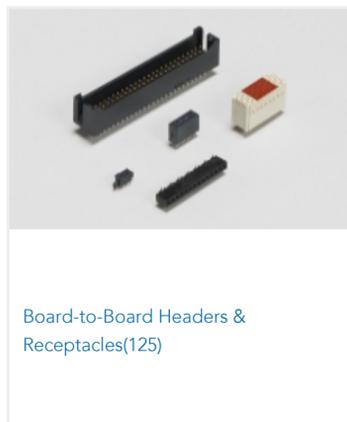
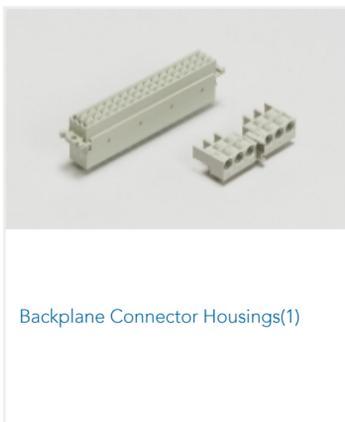
TE Part # 5103311-5  
A/L LOW PRO HDR 20P RA BLACK



TE Part # 6-87756-7  
MOD IV REC STP INT'L SPEC REEL



Also in the Series | **AMPMODU IV/V**





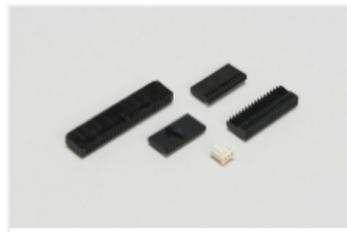
Power Contacts(140)



Rectangular Connector Housings(294)

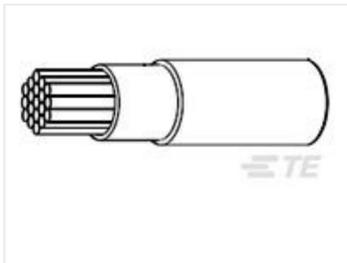


Standard Rectangular Connectors(295)

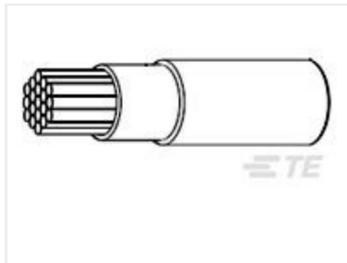


Wire-to-Board Connector Assemblies & Housings(295)

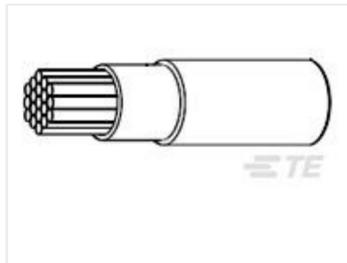
## Customers Also Bought



TE Part #020943-000  
FLDWC0311-18-2



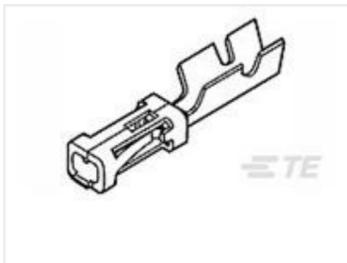
TE Part #799049-000  
FLDWC0311-18-0



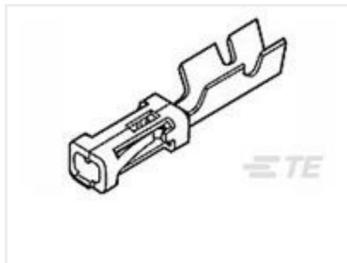
TE Part #639069-000  
FLDWC0311-20-2



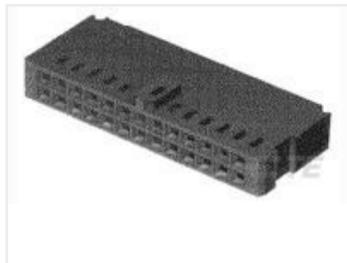
TE Part #800812-SF  
FN351H-64-33



TE Part #87046-1  
MOD IV RECP LP



TE Part #87046-3  
MOD IV RECP LP



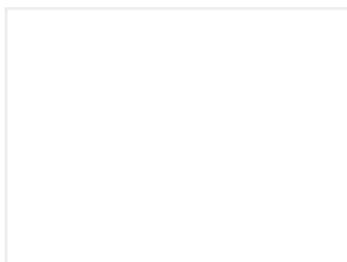
TE Part #1-102387-1  
60 MODIV HSG COMP DR .100 POL



TE Part #499252-8  
016 STRAIN RELIEF A-L RCPT



TE Part #3-641237-3  
03P MTA100 CONN ASSY RED 30AU



TE Part #633361-1000  
STRING POT, 25 INCH RANGE

## Documents

### Product Drawings

[20 MODIV HSG COMP DR .100 POL](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_102387-4\\_AF.3d\\_stp.zip](#)

English

Customer View Model



[ENG\\_CVM\\_CVM\\_102387-4\\_AF.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_102387-4\\_AF.3d\\_igs.zip](#)

English

**3D PDF**

3D

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

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### Datasheets & Catalog Pages

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#)

English

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### Product Specifications

[Product Specification](#)

English

[Interconnection System, AMPMODU Mod IV, Male](#)

English

[Product Specification](#)

Japanese

[Product Specification](#)

English

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### Agency Approvals

[UL](#)

English