

1-87631-6 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

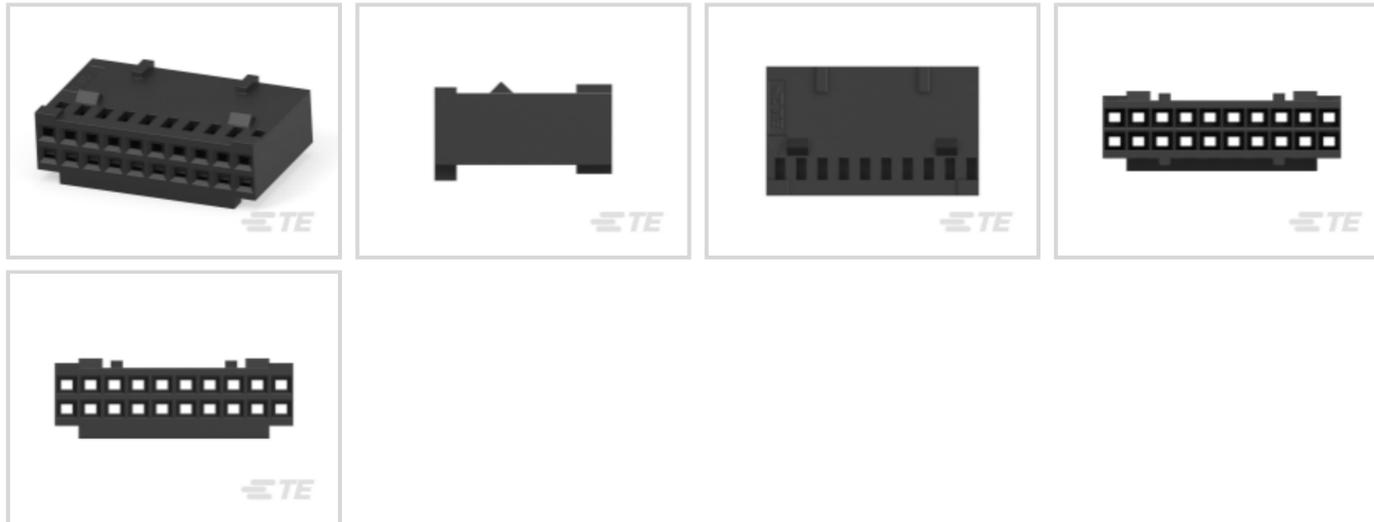
TE Internal #: 1-87631-6

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

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Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Detent Latching**

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

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

Features

Product Type Features

| | |
|-----------------------------------|---------------|
| Connector Product Type | Housing |
| Connector & Housing Type | Receptacle |
| Connector System | Wire-to-Board |
| 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 |
|-----------------------|-------|



Contact Features

| | |
|------------------------------|------------------|
| Contact Base Material | Beryllium Copper |
| Contact Type | Socket |
| Contact Current Rating (Max) | 3 A |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|-----------------------|-----------------|
| Strain Relief | Without |
| Mating Retention Type | Detent Latching |
| Mating Retention | With |

Housing Features

| | |
|-----------------------------|------------------|
| Housing Entry Configuration | Both Ends Closed |
| Centerline (Pitch) | 2.54 mm [.1 in] |
| Housing Material | Nylon GF |

Dimensions

| | |
|--------------------|------------------|
| Connector Height | 3.14 mm [.24 in] |
| Connector Length | 25.4 mm [1 in] |
| Row-to-Row Spacing | 2.54 mm [.1 in] |

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -65 – 105 °C [-85 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

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

Packaging Features

| | |
|--------------------|---------|
| Packaging Method | Package |
| Packaging Quantity | 1 |

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 | Low Halogen - Br, Cl, F < 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>

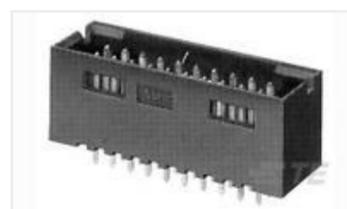
Compatible Parts



TE Part # 88189-6
020 HOUSING FFC PIN DR 100CL



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



TE Part # 5-87587-6
20 MODII HDR DRST SHRD .100CL



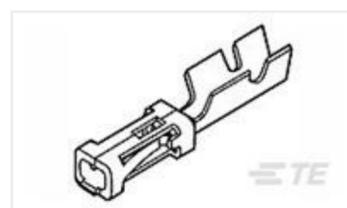
TE Part # 6-87756-7
MOD IV REC STP INT'L SPEC REEL



TE Part # 87309-8
MOD V RECP PLTD SN



TE Part # 87523-5
MOD IV RECP PLTD SN



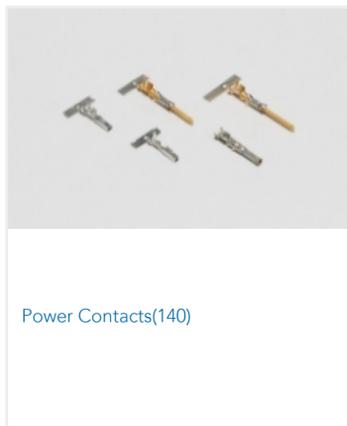
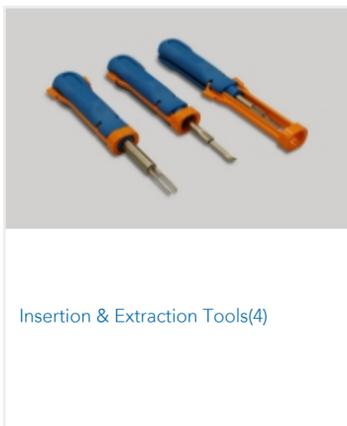
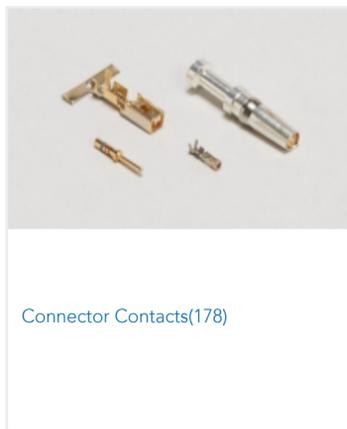
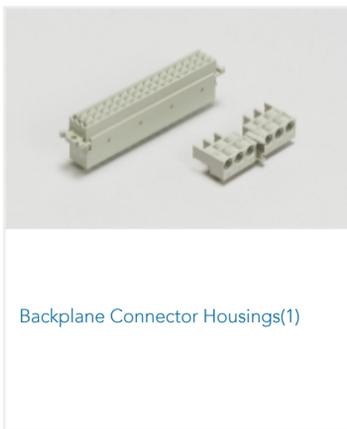
TE Part # 85969-8
MOD IV RECP PLTD 30 SEL



TE Part # 87809-1
MOD V RECP PLTD 30 AU



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



Customers Also Bought

TE Part #812240-SF
FN9289-2-06TE Part #41729-2
250 FASTON REC 18-16 AWG TPBRTE Part #104313-5
026 LOPRO HDR SP 30DP LATCHTE Part #925369-5
MOD 4 REC.HSG 1X05PTE Part #5-1393302-2
V23134A0053G243-EV-CBOXTE Part #7-1393302-7
V23134B0052G242-EV-CBOXTE Part #1571984-1
TSS11DGRA04=SLIDE SWITCH SPDTTE Part #1829904-3
HEAT SINK SFP DWDM 6.5mm TALLTE Part #5353928-2
Std USB Type A, R/A, SMT, Offset,
PanelTE Part #1375796-1
ASSY, 64/40 POS PC104

Documents

Product Drawings

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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-87631-6_AT.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-87631-6_AT.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-87631-6_AT.3d_igs.zip](#)

English

[3D PDF](#)

3D

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

Datasheets & Catalog Pages



AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English