# 1-102387-2 ✔ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 1-102387-2

64 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: **64**

## 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 | 64 |
| 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 | Without |

### Housing Features

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

### Dimensions

| | |
|---|---|
| Connector Height | 7.23 mm[.285 in] |
| Connector Length | 83.82 mm[3.3 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>

| | |
|---|---|
| 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 2025 (250) |

| | |
|---|---|
| | Candidate List Declared Against: JUNE 2025 (250)<br>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 # 103455-1
MOD V RECP PLTD 30 AU

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

TE Part # 87309-8
MOD V RECP PLTD SN

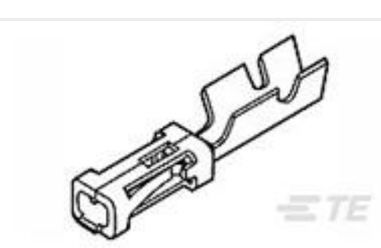
TE Part # 87523-5
MOD IV RECP PLTD SN

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

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

TE Part # CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS

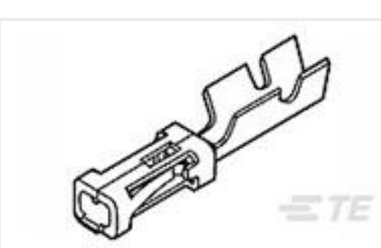
TE Part # 87666-3
MOD IV RECP PLTD SN



TE Part # 5-102920-1
MOD IV RECP PLTD 30 DPLX LF

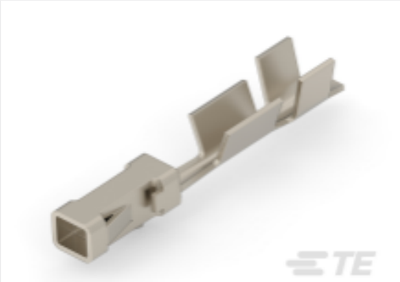
TE Part # 102548-5
MOD IV RECP PLTD 30 SEL

TE Part # 6-87756-2
MOD IV RECP PLTD 15 DPLX LF



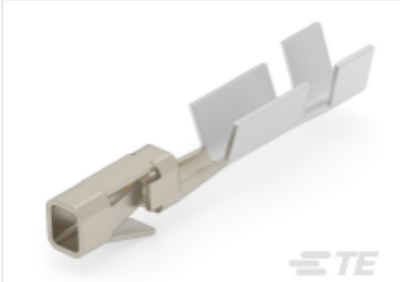
TE Part # 102917-5
MOD IV RECP PLTD 15 SEL

TE Part # 87309-9
MOD V RECP PLTD 30 AU

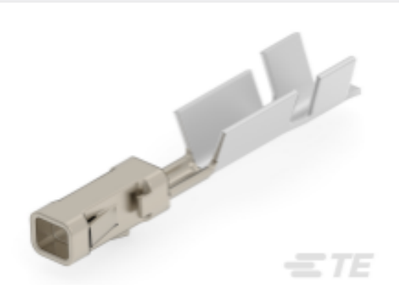


TE Part # 87666-2
MOD IV RECP PLTD 30 SEL

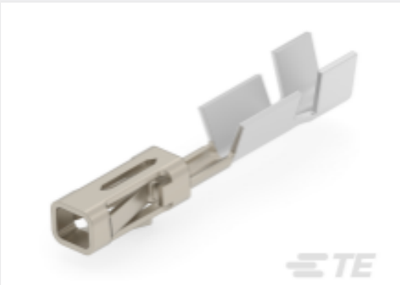
TE Part # 102316-6
MOD IV RECP PLTD 15 DPLX



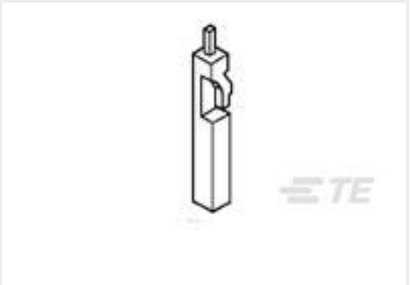
TE Part # 2-87195-4
MOD IV RECP PLTE 15 DPLX



TE Part # 2-87523-3
MOD IV RECP PLTD 15 DPLX



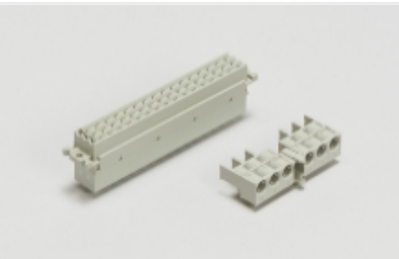
TE Part # 5-103171-4
MOD IV RECP PLTD 30 DPLX LF



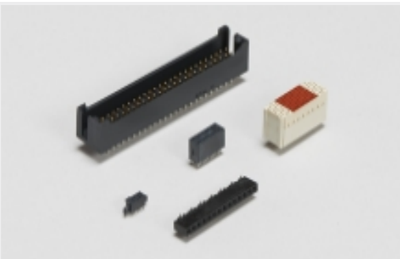
TE Part # 87077-1
MOD IV KEYING PLUG

TE Part # 87756-6
MOD IV RECP PLTD SN

## Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



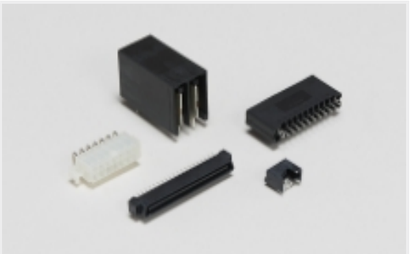
Board-to-Board Headers & Receptacles(125)

Connector Contacts(179)

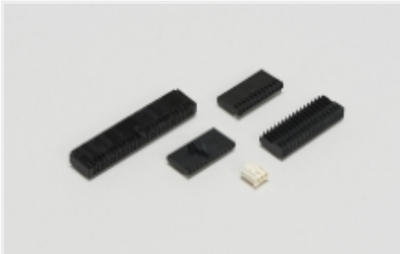
Connector Hardware(8)

Power Contacts(140)

Rectangular Connector Housings(294)



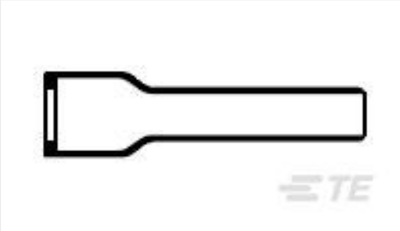
Standard Rectangular Connectors(295)



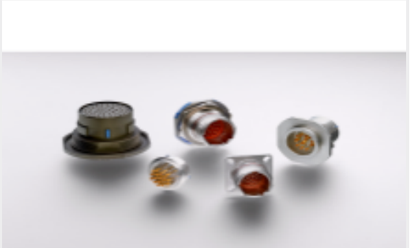
Wire-to-Board Connector Assemblies & Housings(295)

## Customers Also Bought

TE Part #922685-000
MTC100-EB1-P12



TE Part #556750-000
202D221-4/180-0

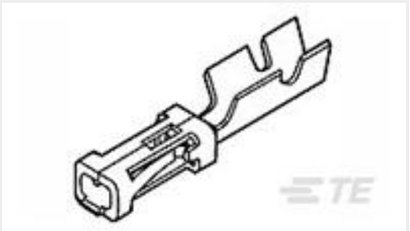


TE Part #YDBC54H-2221PNV001
HERM RECP

TE Part #600433N007
RD16A16-19-S6CS051/2

TE Part #66428-3
III+ SKT,30-26,15AU/FL,LP

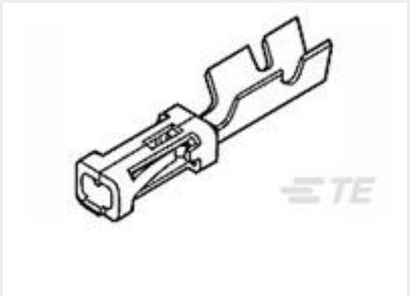
TE Part #66429-3
III+ PIN,30-26,15AU/FL,LP



TE Part #87667-5
MOD IV RECP LP

TE Part #6609116-4
10EHG1-2=F8225

TE Part #TSU-22-01
JUNCTION ASSY



TE Part #1-87756-8
MOD IV RECP LP

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-102387-2_AF.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-102387-2_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-102387-2_AF.2d_dxf.zip

English

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### Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

1-1773720-9_AMPMODU_MOD_IV_V_QRG

English

### Product Specifications

Product Specification

English

Interconnection System, AMPMODU Mod IV, Male

English

Product Specification

Japanese

### Product Specification

English

## Agency Approvals

### UL

English