# 284123-1 ✔ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 284123-1

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

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors

Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Latch**

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 | 5 |
| Number of Rows | 2 |

### Body Features

| | |
|---|---|
| Primary Product Color | Black |

### Contact Features

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

### Termination Features

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

### Mechanical Attachment

| | |
|---|---|
| Strain Relief | Without |
| Panel Mount Feature | Without |
| Mating Retention Type | Latch |
| Mating Retention | With |

| | |
|---|---|
| Connector Mounting Type | Cable Mount (Free-Hanging) |

### Housing Features

| | |
|---|---|
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Material | LCP |

### Dimensions

| | |
|---|---|
| Connector Height | 7.1 mm[.28 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 80 °C[-40 – 176 °F] |

### Operation/Application

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

### Industry Standards

| | |
|---|---|
| Glow Wire Rating | Standard Part - Not Glow Wire |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Method | Bag |
| Packaging Quantity | 1000 |

## 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 |

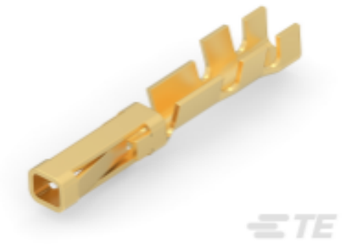
Product Compliance Disclaimer

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 # 280530-3
MOD II COSI RECP CONT STR PRE



TE Part # 280530-2
AMP MODU MOD 2 CONT



TE Part # 182206-2
MOD 2 TERMINAL



TE Part # 181270-1
AMP-MODU CONTACT



TE Part # 181271-2
MOD 2 CONTACT REC.



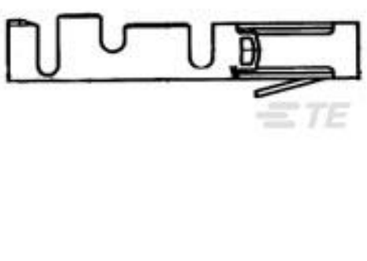
TE Part # 181270-2
MOD II CONTACT L.P.



TE Part # 280530-1
MOD II COSI RECP CONT STR PH-B



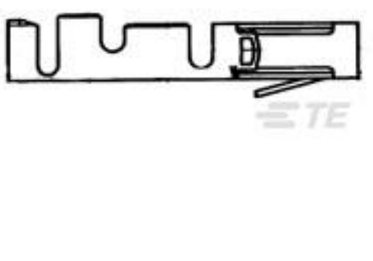
TE Part # 181270-3
MOD 2 BUCHSE



TE Part # 182207-2
AMP MODU II RCPT CONT COSI LP



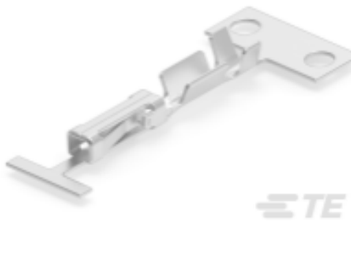
TE Part # 280530-4
MOD2 BUCHSE



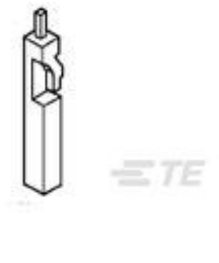
TE Part # 281999-1
MODU II RCPT STD PR COSI



TE Part # 280708-2
MOD 2 CONTACT

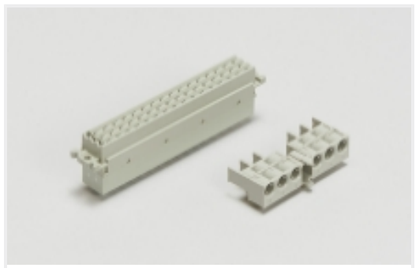


TE Part # 281556-2
20AWG MOD 2 CRIMP TIN PLATE



TE Part # 87077-2
MOD IV KEYING PLUG

## Also in the Series | AMPMODU IV/V



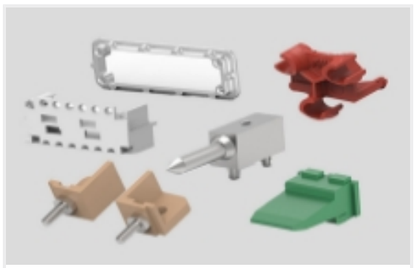
Backplane Connector Housings(1)



Connector Caps & Covers(5)



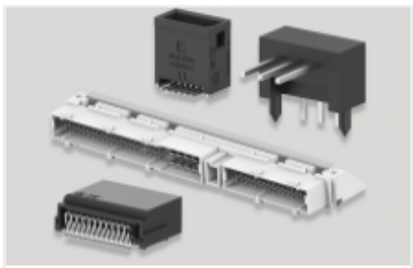
Connector Contacts(179)



Connector Hardware(8)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(125)

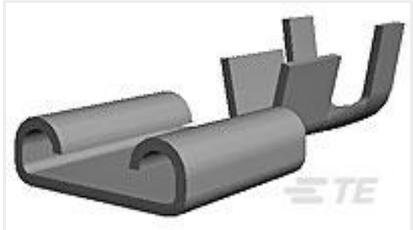


Power Contacts(140)

## Customers Also Bought



TE Part #176289-1
UNIV POWER CAP HSG 12P F/H



TE Part #180363-2
250 FASTON,REC.,12-10 AWG,TPBR



TE Part #183040-1
CPC SQ.FL.RCPT STD SEX SIZE



TE Part #5-520314-4
TRIOMATE ASSY H 4P L=2.54 LDFR



TE Part #770149-1
04P CMNL PIN HDR ASSY R/A



TE Part #5-794630-0
20P MICRO MNL ASSY,VRT,HDR,LF



TE Part #1623933-4
CFR50 5% 330R



TE Part #8-1676481-2
CPF 0603 20K 0.1% 25PPM 1K RL



TE Part #9-1879212-1
CPF 0402 21R 0.1% 25PPM 1K RL



TE Part #1879213-9
CPF 0402 31R6 0.1% 25PPM 1K RL

## Documents

### Product Drawings

AMPMODU II REC. HSG, DUAL ROW, 10 POS.

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284123-1_AA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_284123-1_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284123-1_AA.3d_stp.zip

English

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