# 280702-1 ✔ ACTIVE

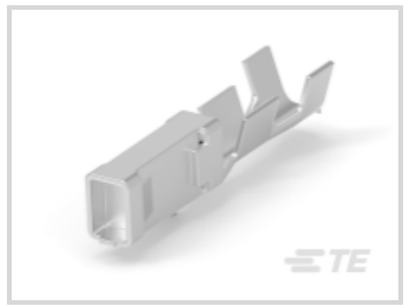
AMPMODU | AMPMODU MOD 1

TE Internal #: 280702-1

Tin (Sn), Socket Contact, 22 – 18 AWG, .3 – .9 mm² Wire, Phosphor Bronze, Signal, -40 – 105 °C [-40 – 221 °F], AMPMODU MOD 1

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Size: **.3 – .9 mm²**

Contact Base Material: **Phosphor Bronze**

## Features

### Product Type Features

| | |
|---|---|
| Applied Pressure | High |

### Contact Features

| | |
|---|---|
| PCB Contact Termination Area Plating Material Thickness | .8 µm[31.496 µin] |
| Contact Orientation | Straight |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | .8 µm[31.496 µin] |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Tin (Sn) |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 5 A |

### Termination Features

| | |
|---|---|
| Product Terminates To | Wire & Cable |

### Mechanical Attachment

| | |
|---|---|
| Wire Insulation Support | With |
| PCB Mount Retention | Without |

## Dimensions

| | |
|---|---|
| Compatible Insulation Diameter Range | 1.8 – 2.3 mm[.071 – .091 in] |
| Wire Size | .3 – .9 mm² |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

## Operation/Application

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

## Packaging Features

| | |
|---|---|
| Packaging Method | Reel |
| Packaging Quantity | 5000 |

## 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 # 843473-1
EXTRACTION TOOL

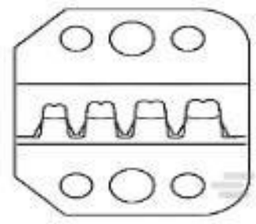
TE Part # 2266174-1
OCEAN-2.0-APPLICATOR-S-070F100O-RSM

TE Part # 280595
AMP MODU MOD I RECEPT HSG

TE Part # 280594
AMP MODU MOD I RECEPT HSG

TE Part # 280592
AMPMODU I RECEPTACLE HOUSING.

TE Part # 2266174-2
OCEAN-2.0-APPLICATOR-S-070F100O-RSA



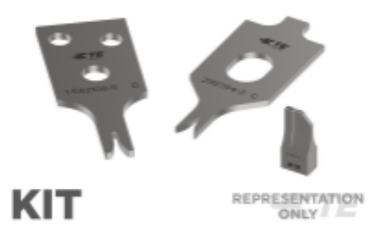
TE Part # 1285002-2
SDE F AMP MODU 18-22 DIE SET

TE Part # 280590
AMPMODU MOD I REC HOUSING

TE Part # 280591
AMPMODU MODU I REC HOUSING

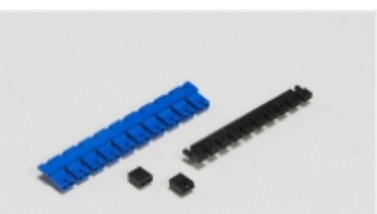
TE Part # 1285002-1
SDE F AMPMODU 18-22 ASSY

TE Part # 280593
AMP MODU MOD I RECEPT HSG

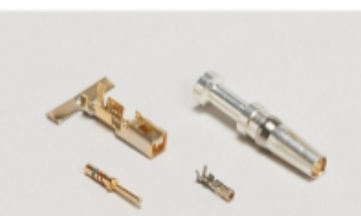



TE Part # 7-2266174-7
OCEAN_2.0_SPARE_PART_KIT-070F100O

## Also in the Series | AMPMODU MOD 1



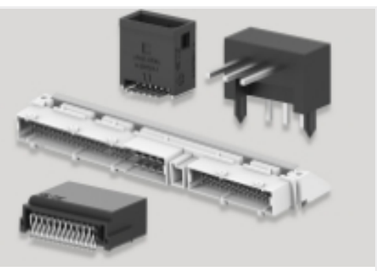
Board-to-Board Jumpers & Shunts(1)



Connector Contacts(41)

Connector Hardware(2)

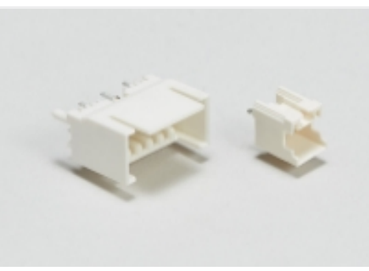
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(81)

Power Contacts(1)

Rectangular Power Connectors(16)

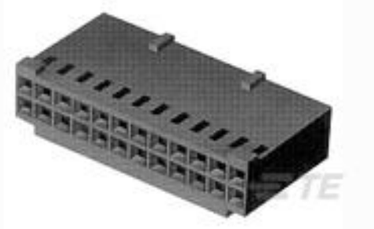


Wire-to-Board Headers & Receptacles (28)

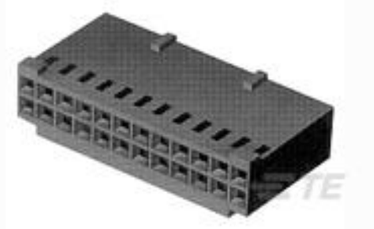
## Customers Also Bought

TE Part #280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.

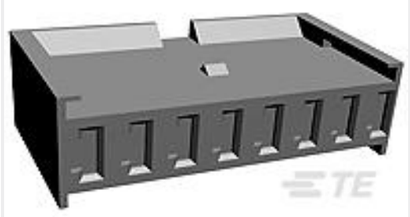
TE Part #280360
AMPMODU II REC. HSG, SINGLE ROW 6 POS



TE Part #280365
AMPMODU, DBL ROW, CONTACT REC

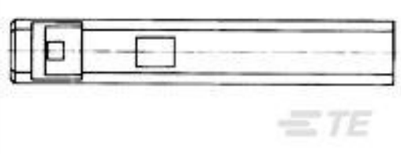


TE Part #280366
AMPMODU II REC. HSG DUAL ROW, 16 POS.



TE Part #280593
AMP MODU MOD I RECEPT HSG

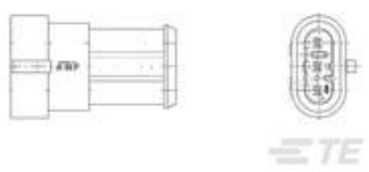
TE Part #280594
AMP MODU MOD I RECEPT HSG



TE Part #926657-3
3P LOCKG CLIP GEH

TE Part #1544545-3
CLIP 2,8 E.D. 0,2-

TE Part #1-1734328-2
Mini USB AB R/A,Rcpt,SMT,T&R, 0.6 mm



TE Part #1745082-1
3 POS. TAB ASSY AMP SUPERSEAL 1.5 SRS.

## Documents

### Product Drawings

AMPMODU CONT.

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280702-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280702-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280702-1_P.3d_stp.zip

English

3D PDF

English

### Customer View Model

ENG_CVM_280702-1_G.3d_igs.zip

English

### Customer View Model

ENG_CVM_280702-1_G.3d_stp.zip

English

### Customer View Model

ENG_CVM_280702-1_G.2d_dxf.zip

English

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## Product Specifications

### Application Specification

English