102100-1 ✔ ACTIVE

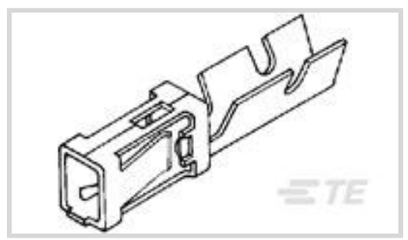
AMPMODU | AMPMODU MOD 1

TE Internal #: 102100-1

Gold (Au), Socket Contact, 22 – 18 AWG, .3 – .9 mm² Wire, Phosphor Bronze, Signal, -65 – 105 °C [-85 – 221 °F], AMPMODU MOD 1

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Size: **.3 – .9 mm²**

Contact Base Material: **Phosphor Bronze**

Features

Product Type Features

Applied Pressure	High

Electrical Characteristics

Contact Resistance	12 mΩ
Dielectric Withstanding Voltage (Max)	1200 V
Insulation Resistance	5000 MΩ

Contact Features

Contact Orientation	Straight
PCB Contact Termination Area Plating Material	Gold Flash
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
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	1.3 – 2.29 mm[.051 – .09 in]
Wire Size	.3 – .9 mm²

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 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	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	Wave solder capable to 265°C

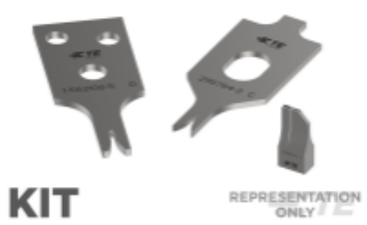
Product Compliance Disclaimer

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 # 2836574-1
OCEAN_2.0_APPLICATOR-S-070F110F-RSM



TE Part # 7-2836574-7
OCEAN_2.0_SPARE_PART_KIT-070F110F



TE Part # 2836574-2
OCEAN_2.0_APPLICATOR-S-070F110F-RSA

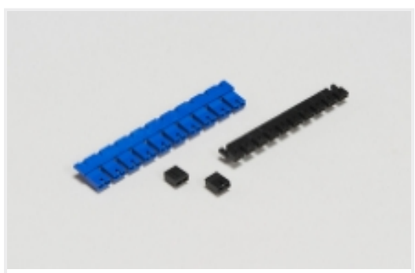


TE Part # 843473-1
EXTRACTION TOOL



TE Part # 574868
DAHT TAPER PIN FASTON 24-22 ASSY

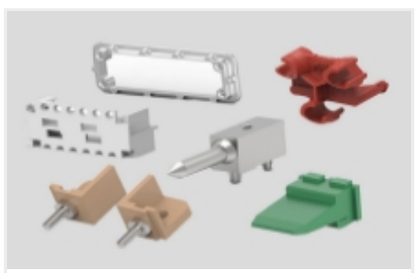
Also in the Series | AMPMODU MOD 1



Board-to-Board Jumpers & Shunts(1)



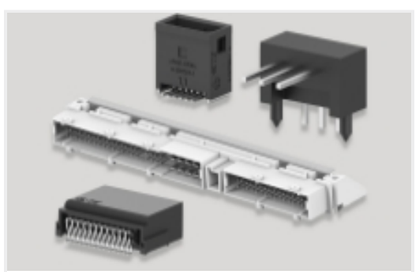
Connector Contacts(41)



Connector Hardware(2)



Insertion & Extraction Tools(1)



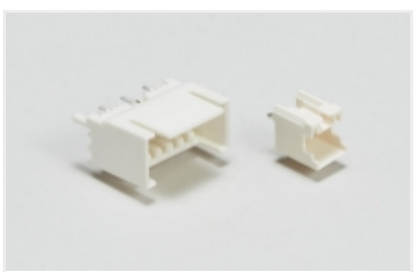
PCB Headers & Receptacles(81)



Power Contacts(1)



Rectangular Power Connectors(16)



Wire-to-Board Headers & Receptacles (28)

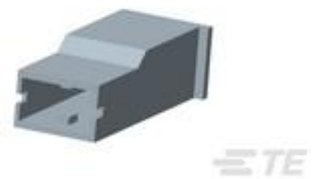
Customers Also Bought



TE Part #T4112002051-000
M12,FEMALE,RA,A CODE,5P,PG9, GOLD



TE Part #66360-4
SOCKET ASSEMBLY, LOOSE PIECE, TYPE III+



TE Part #154719
250 HSG. PL MKI REC. BLACK



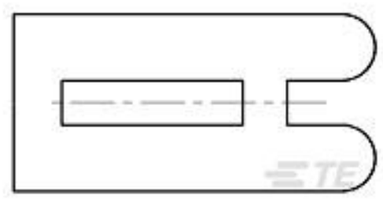
TE Part #182642-1
17-16 CPC PLUG



TE Part #350566-7
MINI AMP-IN 22-18 AWG POST TIN PLTD



TE Part #926305-7
4P UNIV M-N-L CAP



TE Part #926498-1
KEYING PART



TE Part #7-1393114-7
KUHP-11D51-12=KU



TE Part #8-2176412-1
5W XSM M/OX 5% 11K



TE Part #1-2199119-5
M.2 0.5PITCH 3.2H KEY M 15U'' AU

Documents

Product Drawings

MOD I RECP PLTD 15 SEL

English

Product Specifications

Application Specification

English