

102437-1 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

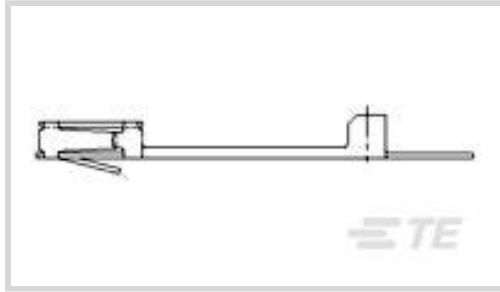
TE Internal #: 102437-1

Connector Contact, Socket, Gold, 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Straight, Wire & Cable, 3 A, Signal, AMPMODU IV/V

[View on TE.com >](#)



Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.2 – .6 mm²**

Contact Orientation: **Straight**

Features

Product Type Features

Applied Pressure	Standard
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Insulation Resistance	5000 MΩ
-----------------------	---------

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Contact Mating Area Plating Material Thickness	.381 μm[15 μin]
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Orientation	Straight
Contact Current Rating (Max)	3 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
PCB Mount Retention	Without

Dimensions



Compatible Insulation Diameter Range	1.75 mm[.069 in]
--------------------------------------	------------------

Wire Size	.2 – .6 mm ²
-----------	-------------------------

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 221 °F]
-----------------------------	----------------------------

Operation/Application

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

Packaging Features

Packaging Quantity	5000
--------------------	------

Packaging Method	Loose Piece
------------------	-------------

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
--	---

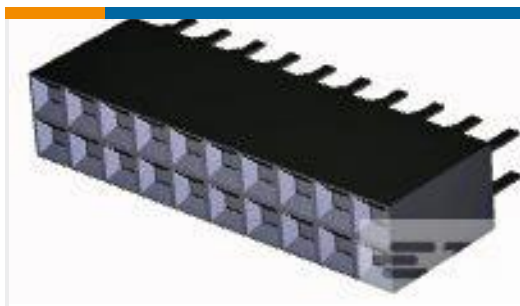
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	---

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

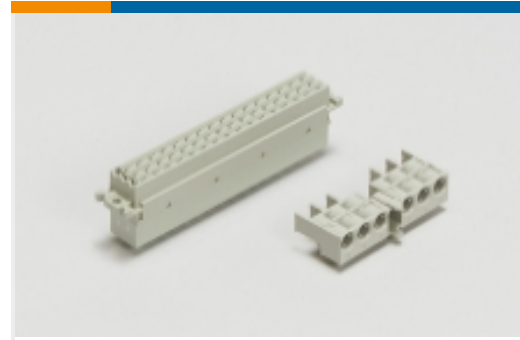


TE Part # 1-535585-0
20 MODIV VRT DR CE RCPT ASSY

Also in the Series | AMPMODU IV/V



Automotive Housings(2)



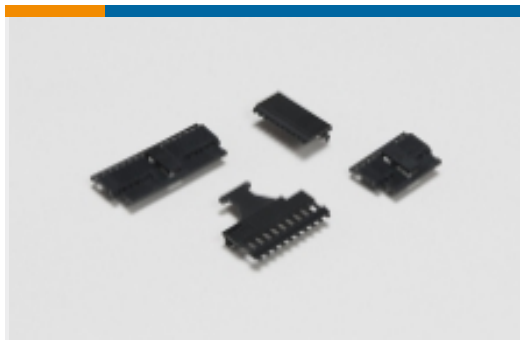
Backplane Connector Housings(1)



Board-to-Board Connector Contacts(6)



Insertion & Extraction Tools(4)



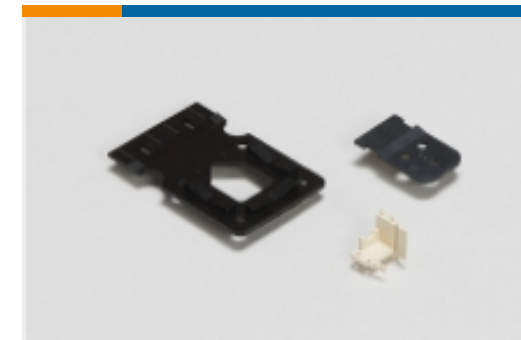
PCB Connector Covers(18)



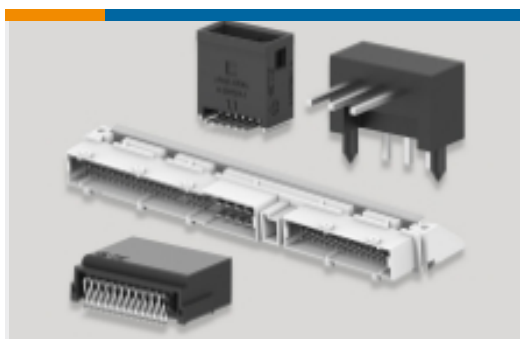
PCB Connector Keying(6)



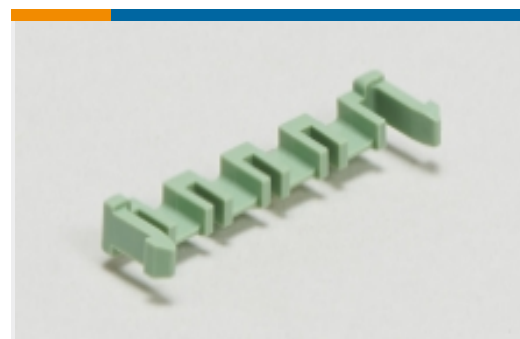
PCB Connector Mounting(1)



PCB Connector Strain Relief(3)



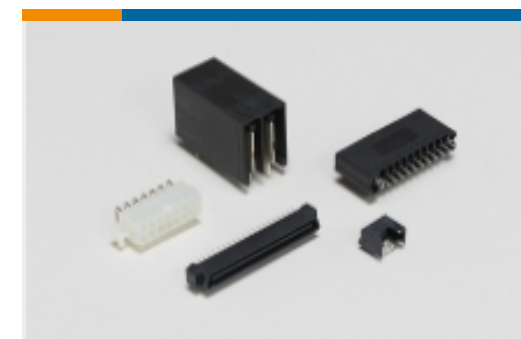
PCB Headers & Receptacles(934)



PCB Latches, Locks & Retainers(7)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(447)



Wire-to-Board Connector Contacts (322)

Customers Also Bought



TE Part #1734261-9
1.25 WTB, HDR, SMT, RA, 9P



TE Part #1-480701-6
03P UMNL CAP HSG BLU



TE Part #440146-9
1.25mm WTB Socket, Housing, 9p



TE Part #1-480701-8
03P UMNL CAP HSG GRY



TE Part #8-2176388-1
RQ 1206 68R1 0.1% 10PPM 5K RL



TE Part #2337230-1
TACT ULTRA TB 3.0X2.0X0.6 160GF



TE Part #2-1393771-9
JWD-172-5=REED RELAYS



TE Part #1616068-4
K300A5C6=CONTACTOR



TE Part #9-1393644-7
V42254B1200C968=PC612 MESSERLE

Documents

Product Drawings

MOD IV L.P.

English

Product Specifications

Application Specification

English

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English