87922-1 ✔ ACTIVE

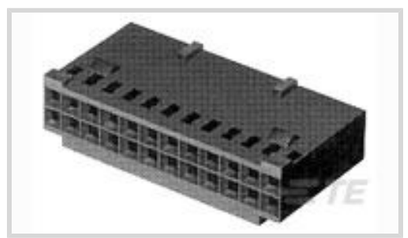
AMPMODU | AMPMODU IV/V

TE Internal #: 87922-1

AMPMODU IV/V, Housing, Receptacle, Wire-to-Board, 10 Position, 2.54mm [.1in] Centerline, Crimp, 2 Row, Row-to-Row Spacing .1 in [2.54 mm]

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **10**

Centerline (Pitch): **2.54 mm [.1 in]**

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	10
Number of Rows	2

Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	250 VAC

Contact Features

Contact Type	Socket
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	With
Mating Retention Type	Detent Latching
Mating Retention	With

Housing Features

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

Dimensions

Connector Length	12.7 mm[.5 in]
Connector Height	7.32 mm[.288 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

Glow Wire Rating	Standard Part - Not Glow Wire
Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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: JAN 2021 (211)

	Candidate List Declared Against: JAN 2021 (211) 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

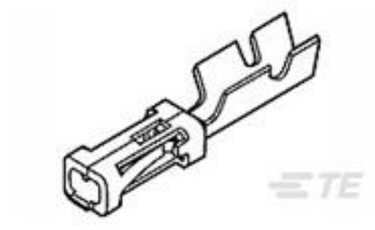
Product Compliance Disclaimer

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

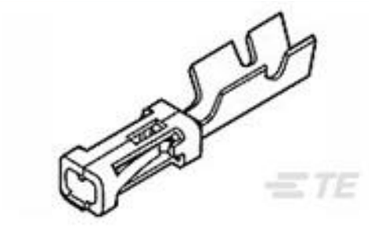
Compatible Parts



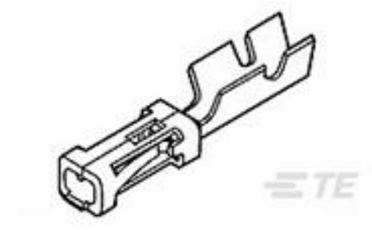
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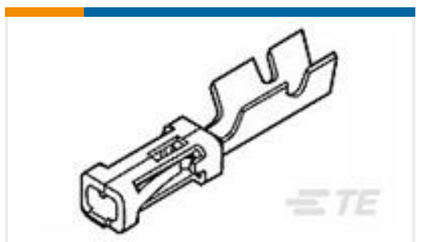
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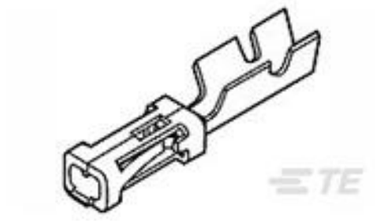
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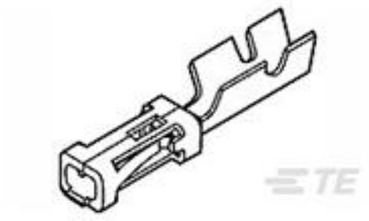
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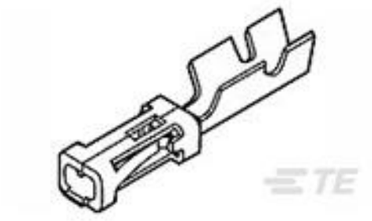
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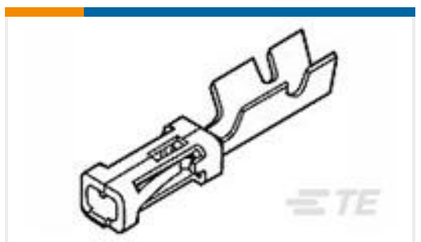
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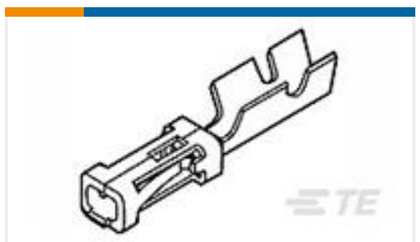
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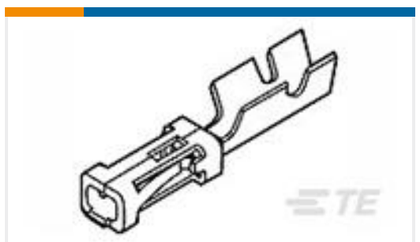
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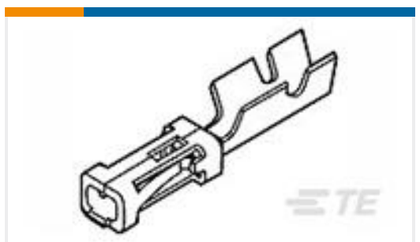
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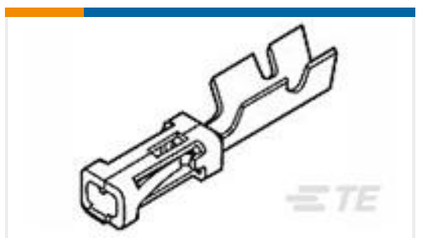
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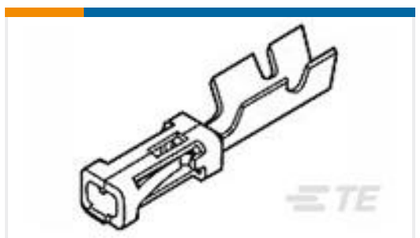
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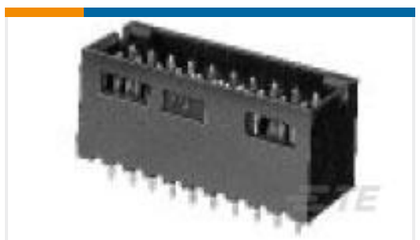
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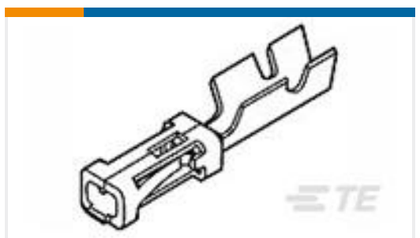
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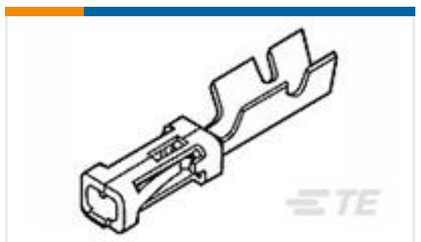
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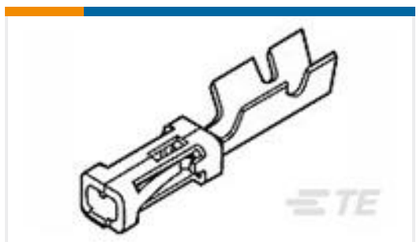
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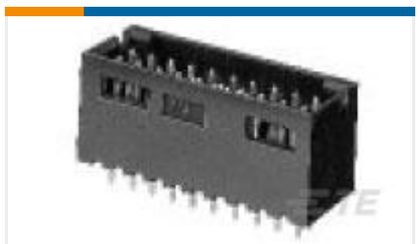
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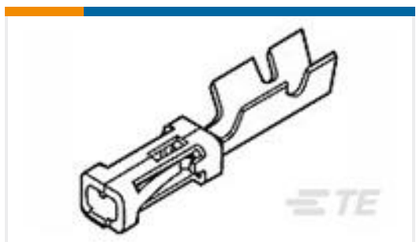
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TE Part # 102316-6
MOD IV RECP PLTD 15 DPLX



TE Part # 102618-3
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TE Part # 5-103171-4
MOD IV RECP PLTD 30 DPLX LF

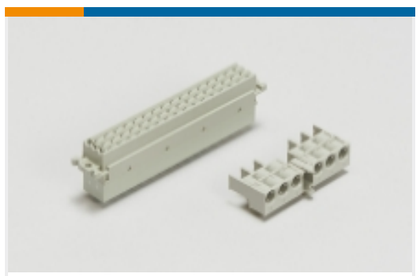
Also in the Series | AMPMODU IV/V



Automotive Headers(2)



Automotive Housings(4)



Backplane Connector Housings(1)



Board-to-Board Connector Contacts(6)



Board-to-Board Headers & Receptacles(937)



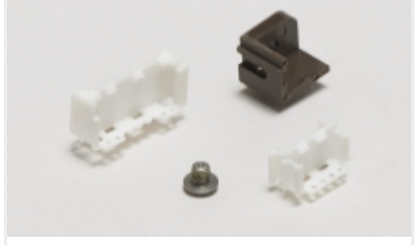
Insertion & Extraction Tools(4)



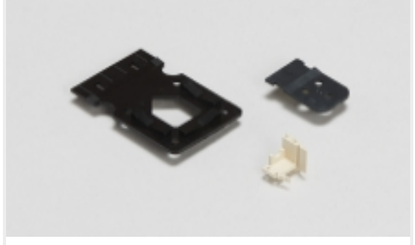
PCB Connector Covers(18)



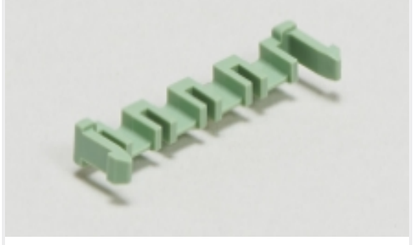
PCB Connector Keying(6)



PCB Connector Mounting(1)



PCB Connector Strain Relief(3)



PCB Latches, Locks & Retainers(9)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)

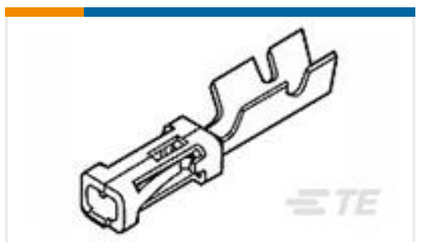


Wire-to-Board Connector Assemblies & Housings(472)

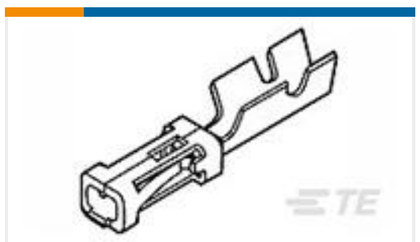


Wire-to-Board Connector Contacts (328)

Customers Also Bought



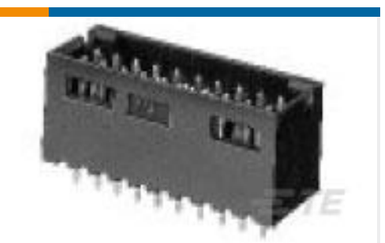
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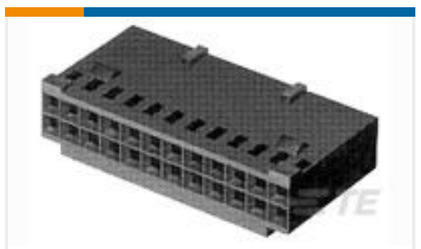
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MOD IV RECP LP



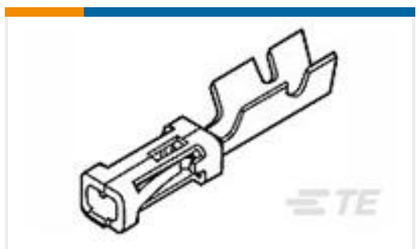
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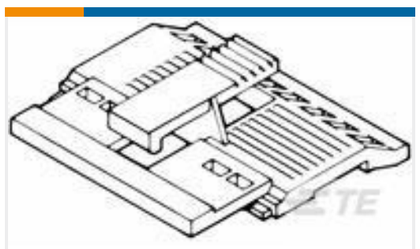
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TE Part #1-87733-4
50 MODIV HSG W/STR RLF DR MRKD



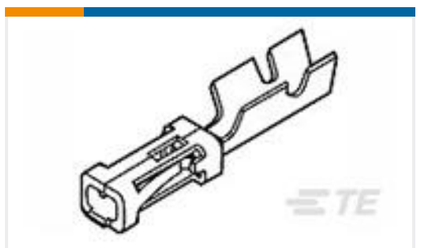
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MOD IV RECP PLTD 15 SEL



TE Part #102681-5
20 AMPMODU MT COVER DR .100CL



TE Part #1-826632-1
AMPMODU II STR HEADER 22P



TE Part #102917-2
MOD IV RECP LP



TE Part #NB19684001
RNF-100-3/32-CL-SP

Documents

Product Drawings

10 MODIV HSG W/STR RLF DR MRKD

English

CAD Files

3D PDF

3D

3D PDF

English

Customer View Model

ENG_CVM_87922-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_87922-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_87922-1_G.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_87922-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_87922-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_87922-1_N.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMPMODU MOD IV RECEPTACLE CONNECTORS (WITH STRAIN RELIEF TABS)

English

Agency Approvals

UL Report

English