1-87499-8 ✔ ACTIVE

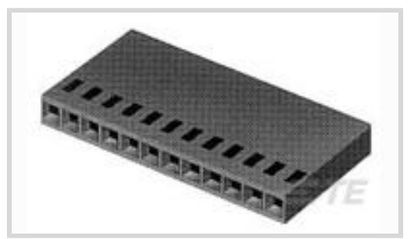
AMPMODU | AMPMODU IV/V

TE Internal #: 1-87499-8

Housing, Receptacle, Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Crimp, 1 Row, Black, Wire & Cable, Signal, AMPMODU IV/V

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	1

Housing Features

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

Termination Features

Termination Method to Wire & Cable	Crimp

Body Features

Primary Product Color	Black

Mechanical Attachment

Mating Retention	Without
Strain Relief	Without

Contact Features

Contact Current Rating (Max)	3 A
Contact Layout	Inline
Contact Base Material	Beryllium Copper
Contact Type	Socket

Operation/Application

Circuit Application	Signal

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

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

Dimensions

Connector Height	3.56 mm[.14 in]
Connector Length	25.53 mm[1.01 in]

Industry Standards

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

Packaging Features

Packaging Method	Package
Packaging Quantity	1

Product Compliance

For compliance documentation, visit the product page on TE.com>

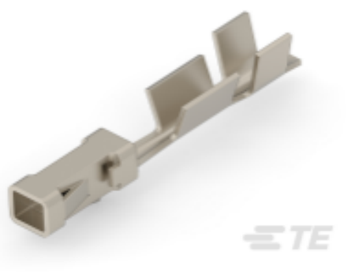
EU RoHS Directive 2011/65/EU	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	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



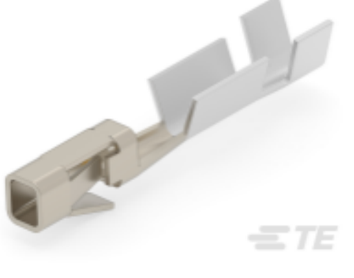
TE Part # 87666-2
MOD IV RECP PLTD 30 SEL



TE Part # 6-87756-7
MOD IV REC STP INT'L SPEC REEL



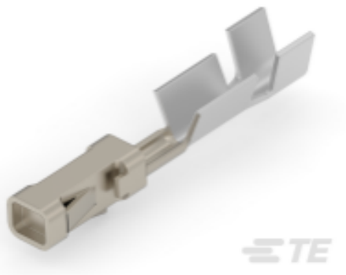
TE Part # 87756-6
MOD IV RECP PLTD SN



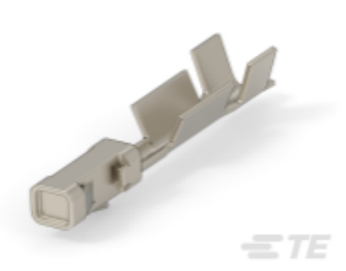
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MOD IV RECP PLTE 15 DPLX



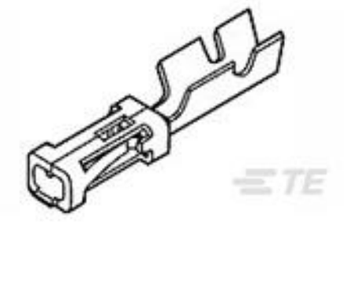
TE Part # 87809-1
MOD V RECP PLTD 30 AU



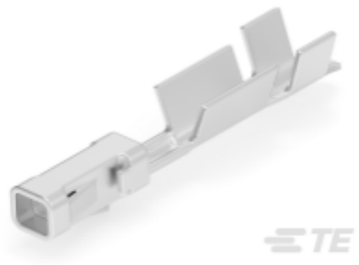
TE Part # 6-87756-2
MOD IV RECP PLTD 15 DPLX LF



TE Part # 87309-9
MOD V RECP PLTD 30 AU



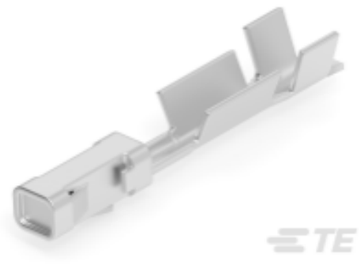
TE Part # 102917-5
MOD IV RECP PLTD 15 SEL



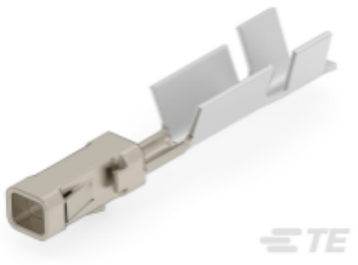
TE Part # 87523-5
MOD IV RECP PLTD SN



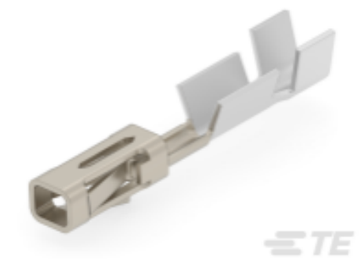
TE Part # 102548-5
MOD IV RECP PLTD 30 SEL



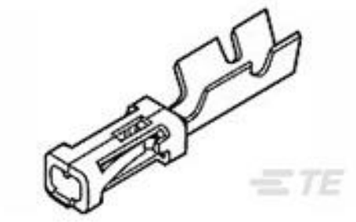
TE Part # 87309-8
MOD V RECP PLTD SN



TE Part # 2-87523-3
MOD IV RECP PLTD 15 DPLX



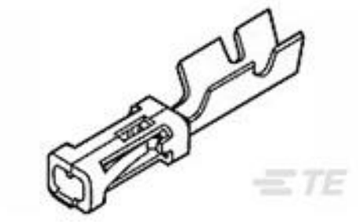
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MOD IV RECP PLTD 30 DPLX LF



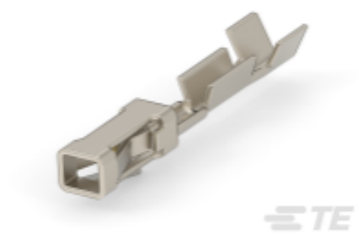
TE Part # 85969-8
MOD IV RECP PLTD 30 SEL



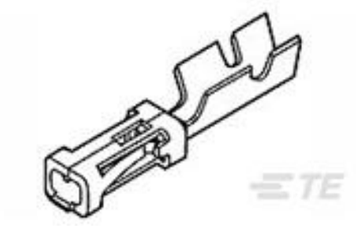
TE Part # 87666-3
MOD IV RECP PLTD SN



TE Part # 5-102920-1
MOD IV RECP PLTD 30 DPLX LF



TE Part # 103455-1
MOD V RECP PLTD 30 AU



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

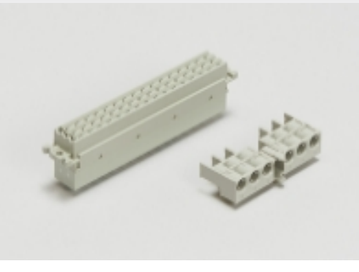


TE Part # 6-146277-0
10 MODII HDR SRST B/A .100CL



TE Part # 6-146285-0
10 MODII HDR SRST B/A .100CL

Also in the Series | AMPMODU IV/V



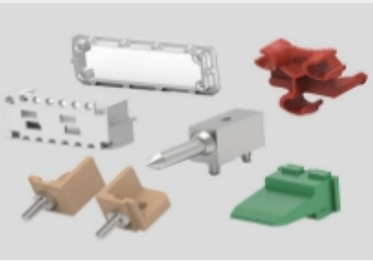
Backplane Connector Housings(1)



Connector Caps & Covers(11)



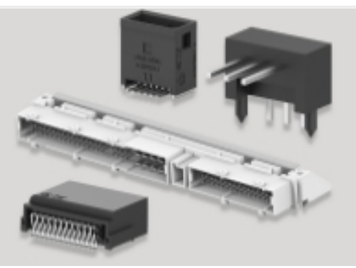
Connector Contacts(271)



Connector Hardware(11)



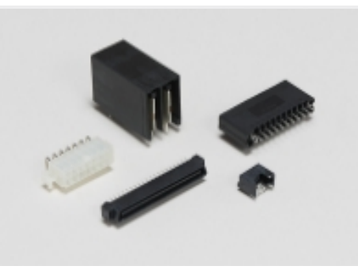
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(517)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(3)



Wire-to-Board Connector Assemblies & Housings(394)

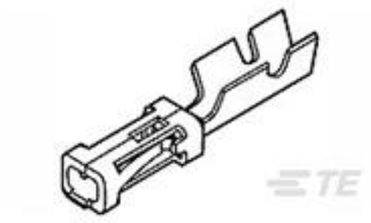
Customers Also Bought



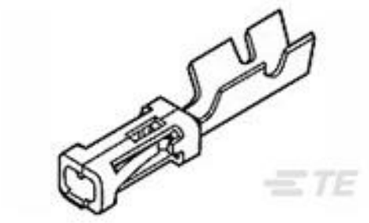
TE Part #3-640707-1
SL 156 RECEPTACLE LP



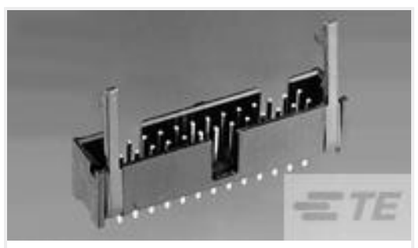
TE Part #5-747908-2
15 Plug Solder Cup, Gold Flash



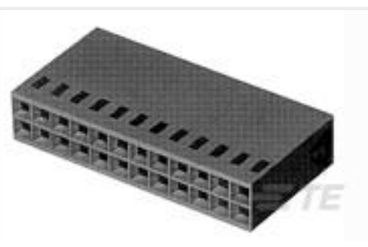
TE Part #102128-1
MOD V RECP LP



TE Part #6-87756-6
MOD IV RECP LP LF



TE Part #1761609-9
IDC LOW PRO HDR 26P RA SHT LAT



TE Part #1-87456-4
18 MODIV HSG DR MRKD .100CL



TE Part #1-87499-3
08 MODIV HSG SR MRKD .100CL



TE Part #1825139-4
A203P3ZQ04



TE Part #640250-2
02P SL156 HSG W/LCK RAMP NATL

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-87499-8_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-87499-8_T.3d_igs.zip

English

Customer View Model

ENG_CVM_1-87499-8_T.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-87499-8_AP.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-87499-8_AP.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-87499-8_AP.3d_stp.zip

English

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Datasheets & Catalog Pages

AMP MODU IV & V Section of Catalog 1307819

English

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

1-1773720-9_AMPMODU_MOD_IV_V_QRG

English

Product Specifications

Product Specification

English

Agency Approvals

UL

English