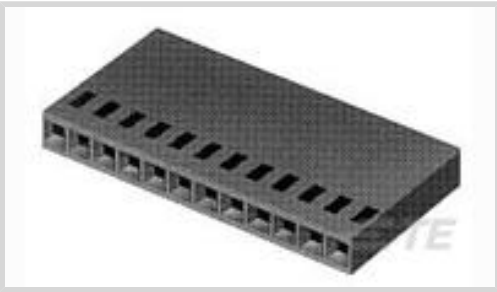




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



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

Electrical Characteristics

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

Body Features

Primary Product Color	Black
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Contact Features

Contact Layout	Inline
Contact Type	Socket
Contact Base Material	Beryllium Copper



Contact Current Rating (Max)	3 A
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Strain Relief	Without
Mating Retention	Without
Housing Features	
Housing Entry Configuration	Both Ends Closed
Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Length	25.53 mm[1.01 in]
Connector Height	3.56 mm[.14 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	1
Packaging Method	Package
Other	
Discrete Wire Connector Comment	Contact Extraction/Lance Reset Tool No. 843996-3., No marking on this part number., Strain reliefs are available and may be purchased separately.

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	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

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

TE Part # 2-87195-4
MOD IV RECP PLTE 15 DPLX

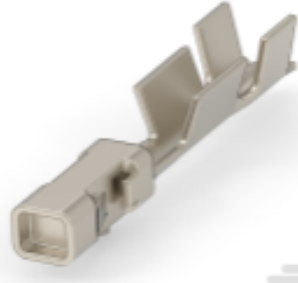
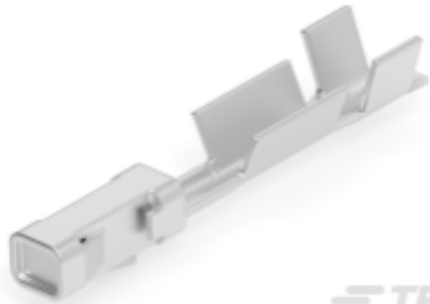
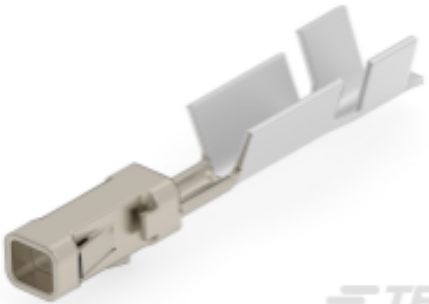
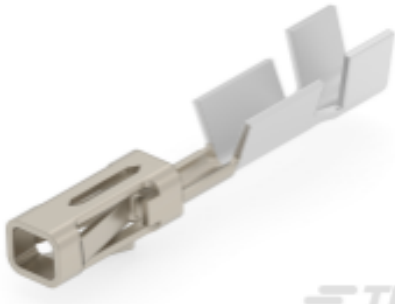
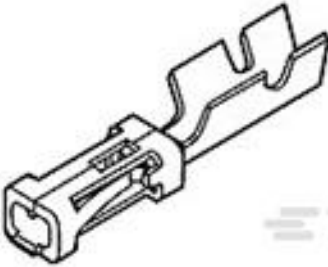
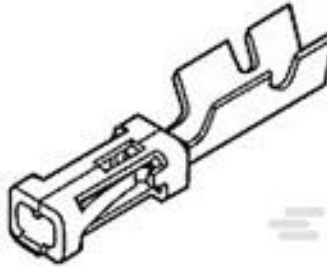
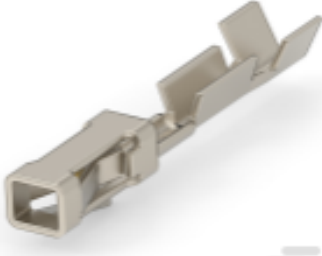
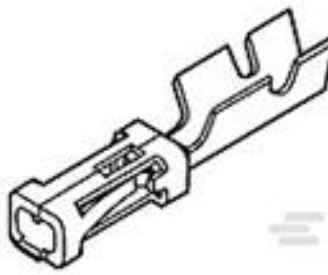
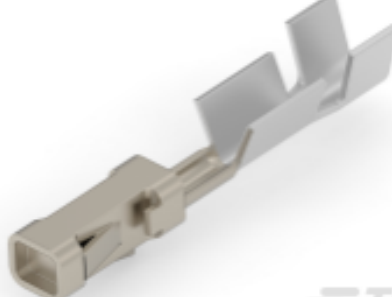
TE Part # 87809-1
MOD V RECP PLTD 30 AU

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

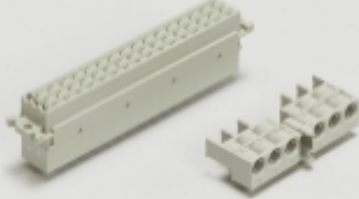
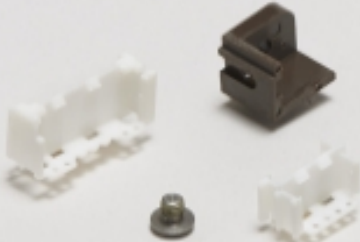
TE Part # 102917-5
MOD IV RECP PLTD 15 SEL

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	 TE Part # 5-103171-4 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 # 6-146276-0 10 MODII HDR SRST B/A .100CL	 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 # 6-87756-2 MOD IV RECP PLTD 15 DPLX LF	 TE Part # 6-146277-0 10 MODII HDR SRST B/A .100CL

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 Automotive Housings(2)	 Backplane Connector Housings(1)	 Board-to-Board Connector Contacts(6)	 Connector Strain Relief(3)
 Insertion & Extraction Tools(4)	 PCB Connector Covers(18)	 PCB Connector Keying(6)	 PCB Connector Mounting(1)



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 #1-6609037-3
10EMC1=F8128



TE Part #2-6609006-5
15EJT1=F8137



TE Part #6-66506-1
20 DF PIN CONT,SMALL PACK



TE Part #7-66504-0
20 DF SOCKET CONT,SMALL PACK



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



TE Part #102393-3
10 AMPMODU MT ASSY DR .100CL



TE Part #2-767004-2
MICT,RECPT,038,ASSY,.025,REC



TE Part #86015-2
MOD IV RECP LP

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](#)

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Datasheets & Catalog Pages
[AMP MODU IV & V Section of Catalog 1307819](#)

English

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)
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[1-1773720-9_AMPMODU_MOD_IV_V_QRG](#)

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Product Specifications
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[TE Material Declaration](#)

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