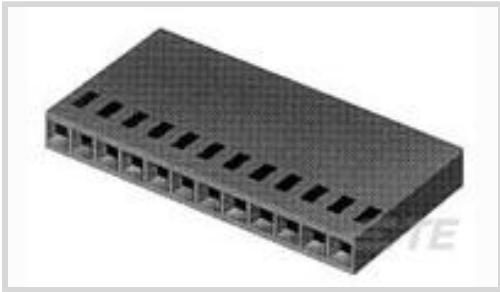




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

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 | 9 |
| 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 |
|-----------------------|-------|

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 | 22.99 mm[.91 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

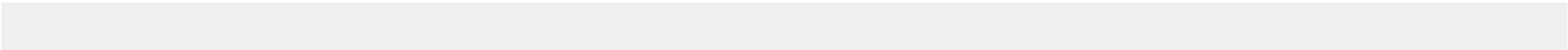
|                    |         |
|--------------------|---------|
| Packaging Quantity | 1       |
| Packaging Method   | Package |

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)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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

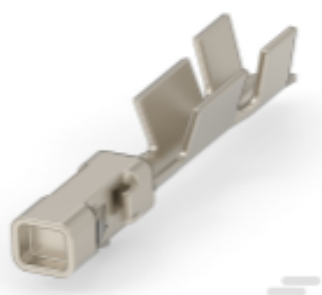
TE Part # 2-87195-4  
MOD IV RECP PLTE 15 DPLX

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

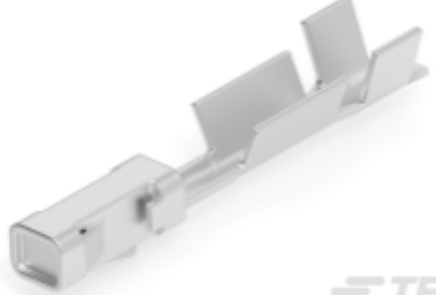
TE Part # 87309-9  
MOD V RECP PLTD 30 AU

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

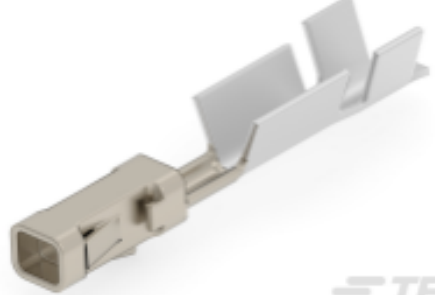
TE Part # 87523-5  
MOD IV RECP PLTD SN



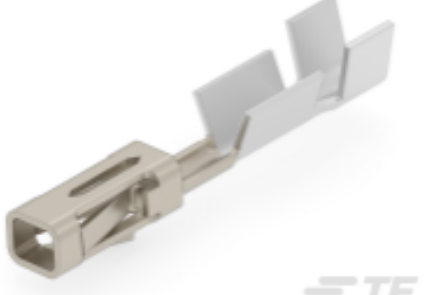
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MOD IV RECP PLTD 30 SEL



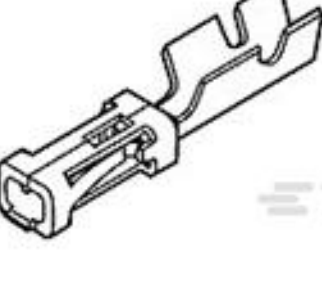
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MOD V RECP PLTD SN



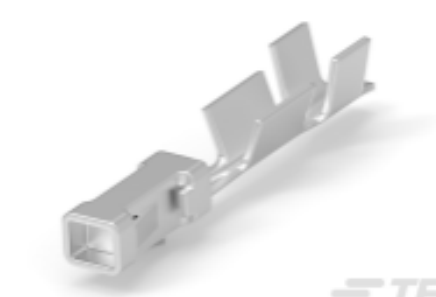
TE Part # 2-87523-3  
MOD IV RECP PLTD 15 DPLX



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



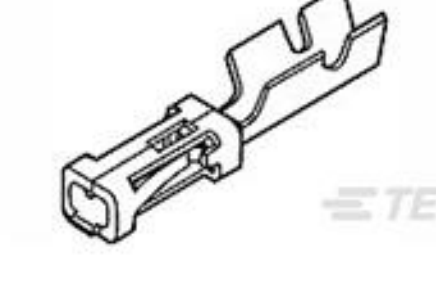
TE Part # 5-146276-9  
09 MODII HDR SRST B/A .100CL



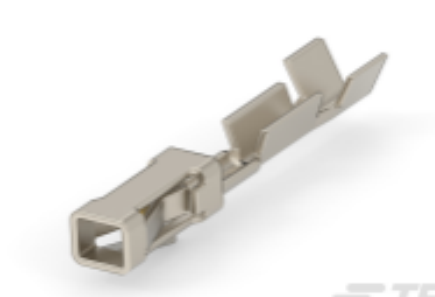
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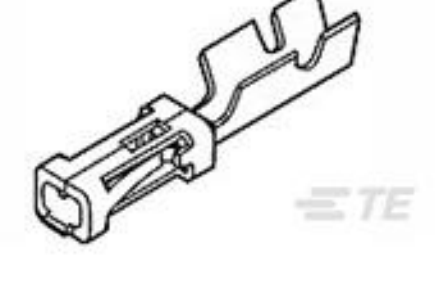
TE Part # 5-146278-9  
09 MODII HDR SRST B/A .100CL



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



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

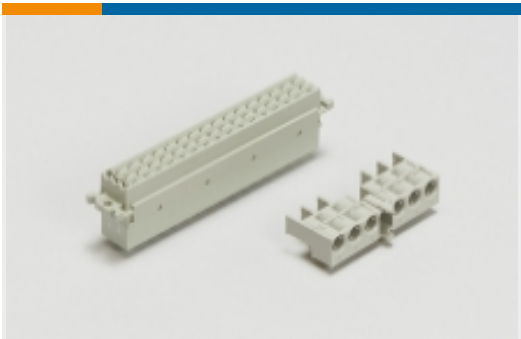


TE Part # 102316-6  
MOD IV RECP PLTD 15 DPLX

Also in the Series | AMPMODU IV/V



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 #1658537-2  
SOCKET CONT DUPL PLT LP HD-20



TE Part #1-1622824-3  
RL73H 2B R68 1% 5K RL



TE Part #2000676-1  
Keyed Guide Pin, Machined, Vita 46



TE Part #1410140-1  
MULTIGIG RT T2 .8" BP FULL CNT



TE Part #8-1625868-5  
RP 2A 0.25W 40R2 0.1% 25PPM 1K RL



TE Part #2-2176341-7  
CRGCQ 0805 1K5 1%



TE Part #1-2176342-6  
CRGCQ 0805 330R 5%



TE Part #1-2176343-5  
CRGCQ 1206 150R 1%



TE Part #4-2176378-7  
RQ 0805 30R1 0.1% 10PPM 5K RL

Documents



CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1-87499-6\_T.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_1-87499-6\_T.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1-87499-6\_T.3d\_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION5\_CONT

English

Product Specifications

Product Specification

English

Agency Approvals

UL

English