



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: **6**  
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 | 6 |
| Number of Rows      | 2 |

Electrical Characteristics

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

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|



Contact Features

|                              |                  |
|------------------------------|------------------|
| Contact Base Material        | Beryllium Copper |
| Contact Type                 | Socket           |
| 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 Material            | Nylon GF         |
| Housing Entry Configuration | Both Ends Closed |
| Centerline (Pitch)          | 2.54 mm[.1 in]   |

Dimensions

|                    |                 |
|--------------------|-----------------|
| Connector Height   | 6.1 mm[.24 in]  |
| Connector Length   | 7.75 mm[.31 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

|                                             |                               |
|---------------------------------------------|-------------------------------|
| UL Flammability Rating                      | UL 94V-0                      |
| Compatible With Approved Standards Products | CSA LR7189, UL E28476         |
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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 # 5-104317-1  
06 MODII HDR DRST SHRD .100CL

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

TE Part # 87309-8  
MOD V RECP PLTD SN

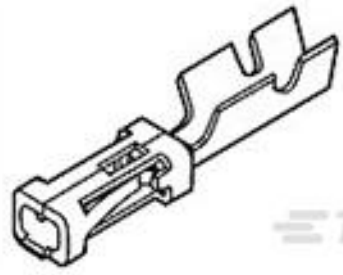
TE Part # 6-87756-7  
MOD IV REC STP INT'L SPEC REEL

TE Part # 87227-3  
06 MODII HDR DRST UNSHRD .100

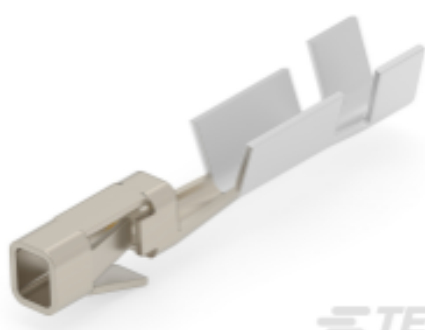
TE Part # 87523-5  
MOD IV RECP PLTD SN

TE Part # 1-87215-2  
06 MODII HDR DRST UNSHRD .100

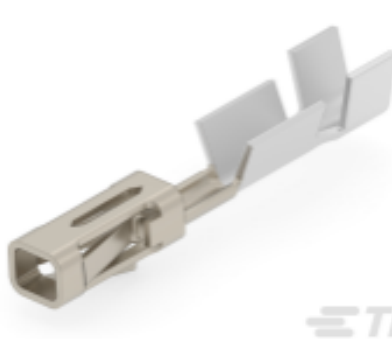
TE Part # 2-87523-3  
MOD IV RECP PLTD 15 DPLX



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



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



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



TE Part # 5-103168-1  
06 MODII HDR DRST SHRD .100CL



TE Part # 5-103169-1  
06 MODII HDR DRST SHRD .100CL



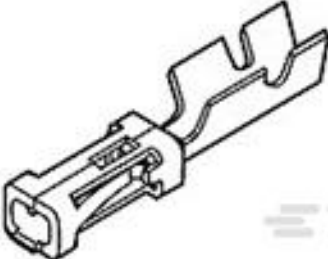
TE Part # 87230-3  
06 MODII HDR DRRA UNSHRD .100



TE Part # 87756-6  
MOD IV RECP PLTD SN



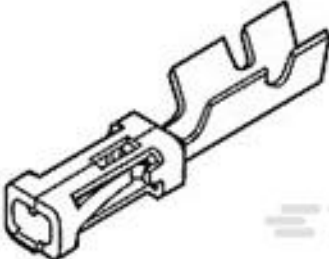
TE Part # 102548-5  
MOD IV RECP PLTD 30 SEL



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



TE Part # 103168-1  
06 MODII HDR DRST SHRD .100CL



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



TE Part # 5-102618-1  
06 MODII HDR DRST SHRD .100CL

Also in the Series | AMPMODU IV/V



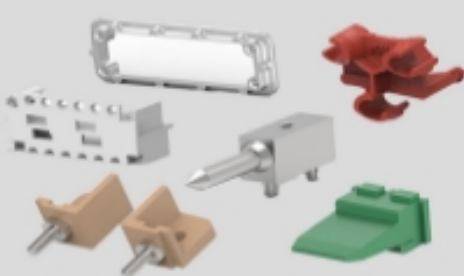
Board-to-Board Headers & Receptacles(517)



Connector Caps & Covers(11)



Connector Contacts(270)



Connector Hardware(10)



Power Contacts(206)



Rectangular Connector Housings(5)

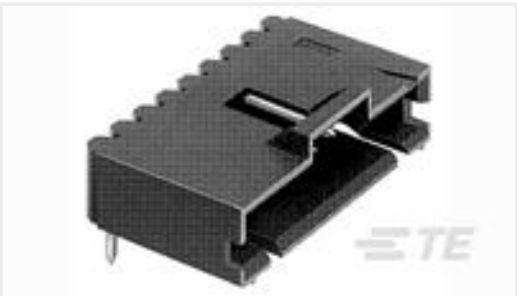


Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(393)

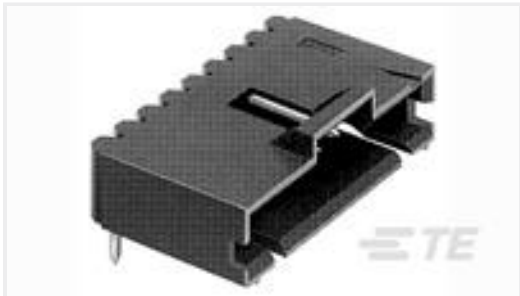
Customers Also Bought



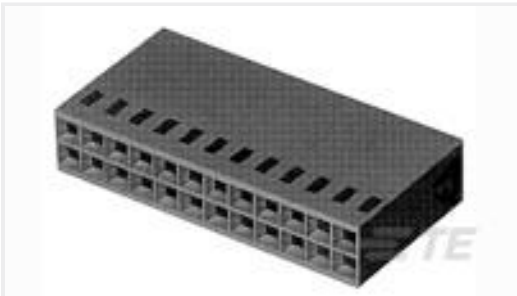
TE Part #103906-4  
05 MTE HDR SRRA LATCH .100CL



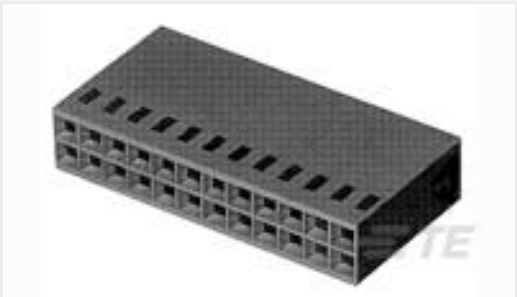
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PIDG SPD 22-16 COMM 22-18MIL 6



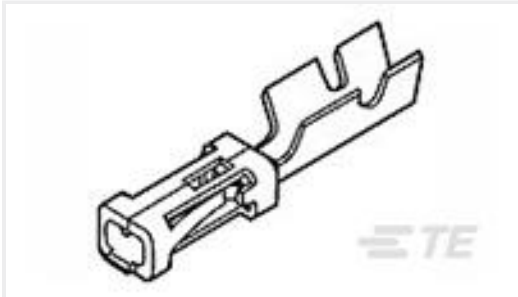
TE Part #5-104935-3  
03 MTE HDR SRRA LATCH



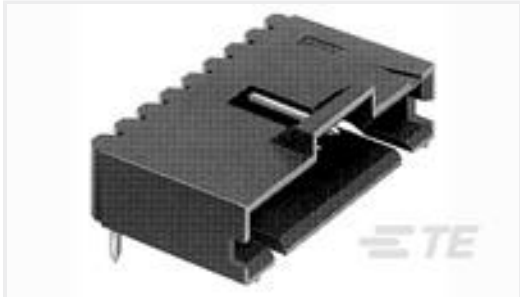
TE Part #87456-5  
10 MODIV HSG COMP DR .100CL



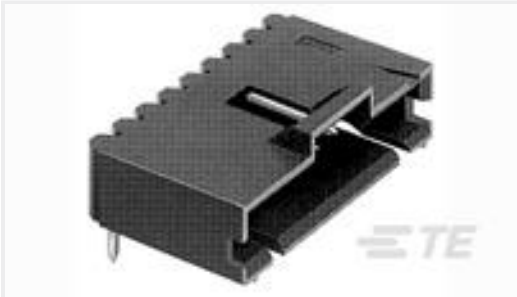
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34 MODIV HSG COMP DR .100CL



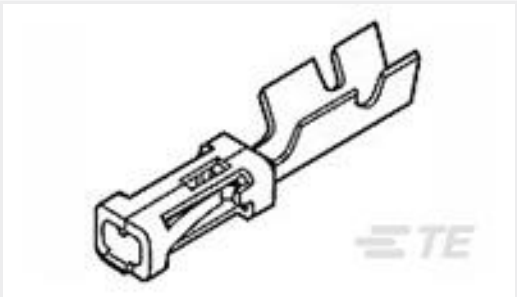
TE Part #1-87309-3  
MOD V RECP LP



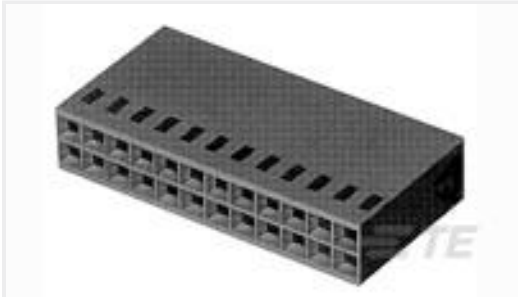
TE Part #103906-5  
06 MTE HDR SRRA LATCH .100CL



TE Part #5-103634-7  
08 MTE HDR SRRA LATCH.100CL LF



TE Part #5-103171-1  
MOD IV RECP PLTD 15 DPLX LF



TE Part #87456-7  
12 MODIV HSG COMP DR .100CL

Documents

Product Drawings

06 MODIV HSG COMP DR .100CL

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_87456-1\_P.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_87456-1\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_87456-1\_P.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_87456-1\_AP.3d\_stp.zip

English



Customer View Model

ENG\_CVM\_CVM\_87456-1\_AP.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_87456-1\_AP.3d\_igs.zip

English

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Datasheets & Catalog Pages

AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION5\_CONT

English

Product Specifications

Product Specification

English

Interconnection System, AMPMODU Mod IV, Male

English

Product Specification

Japanese

Product Specification

English

Product Specification

English

Agency Approvals

UL

English