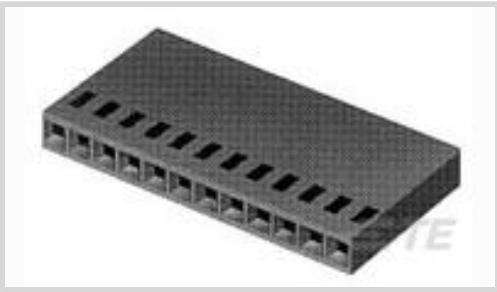




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **12**
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	12
Number of Rows	1

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 Layout	Inline
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	Thermoplastic
Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Height	3.56 mm[.14 in]
Connector Length	30.61 mm[1.21 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)



Candidate List Declared Against: JAN 2025
(247)
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

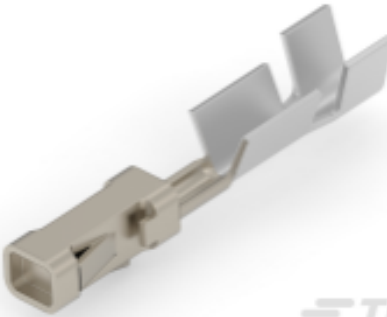
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

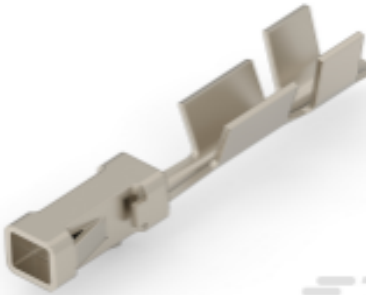
 TE Part # 2-87523-3 MOD IV RECP PLTD 15 DPLX	 TE Part # 2-87195-4 MOD IV RECP PLTE 15 DPLX	 TE Part # 102316-6 MOD IV RECP PLTD 15 DPLX	 TE Part # 5-103171-4 MOD IV RECP PLTD 30 DPLX LF
 TE Part # 87756-6 MOD IV RECP PLTD SN	 TE Part # 87309-9 MOD V RECP PLTD 30 AU	 TE Part # 102917-5 MOD IV RECP PLTD 15 SEL	 TE Part # 5-102920-1 MOD IV RECP PLTD 30 DPLX LF



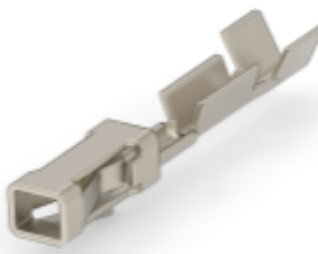
TE Part # 102548-5
MOD IV RECP PLTD 30 SEL



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



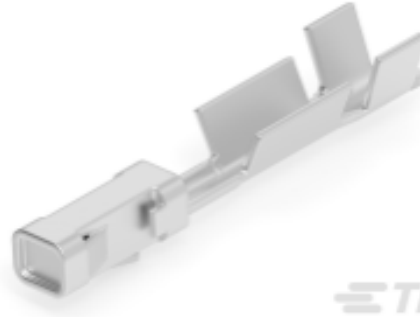
TE Part # 87666-2
MOD IV RECP PLTD 30 SEL



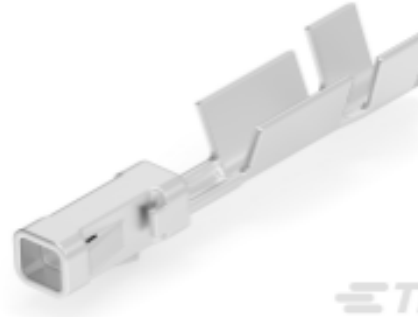
TE Part # 103455-1
MOD V RECP PLTD 30 AU



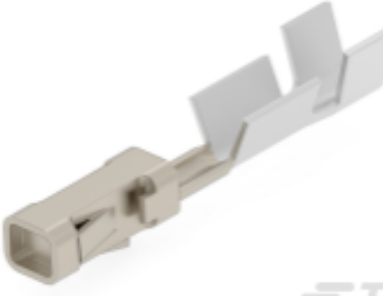
TE Part # 6-146277-2
12 MODII HDR SRST B/A .100CL



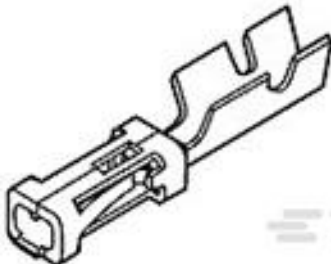
TE Part # 87309-8
MOD V RECP PLTD SN



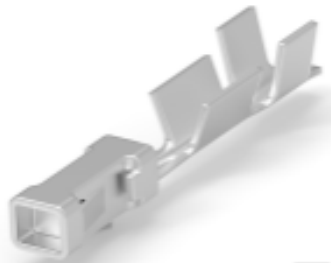
TE Part # 87523-5
MOD IV RECP PLTD SN



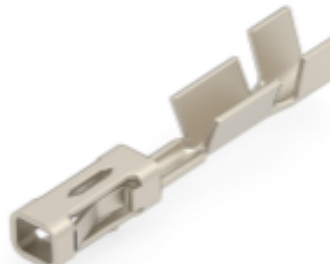
TE Part # 6-87756-7
MOD IV REC STP INT'L SPEC REEL



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



TE Part # 87666-3
MOD IV RECP PLTD SN

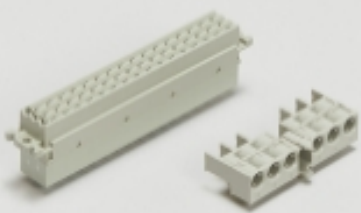


TE Part # 87809-1
MOD V RECP PLTD 30 AU



TE Part # 6-146280-2
12 MODII HDR SRST B/A .100CL

Also in the Series | [AMPMODU IV/V](#)



Backplane Connector Housings(1)



Connector Caps & Covers(11)



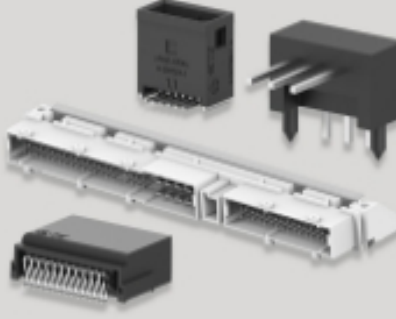
Connector Contacts(271)



Connector Hardware(10)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(517)



Power Contacts(207)

Customers Also Bought



Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_2-87499-2_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_2-87499-2_T.3d_igs.zip

English

Customer View Model

ENG_CVM_2-87499-2_T.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2-87499-2_AP.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-87499-2_AP.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2-87499-2_AP.3d_igs.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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