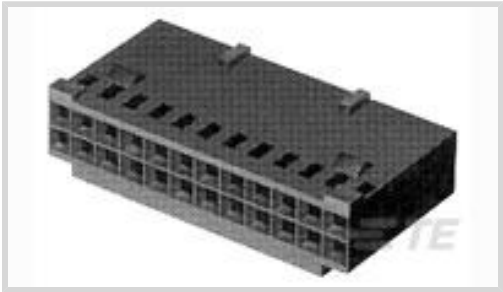




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



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

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

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Retention Type	Detent Latching
Mating Retention	With

Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	Nylon - GF
Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black

Dimensions

Connector Length	7.62 mm[.21 in]
Connector Height	6.1 mm[.24 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Circuit Application	Signal
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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

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 2021 (211)



Candidate List Declared Against: JAN 2021
(211)
SVHC > Threshold:
1,6,7,8,9,14,15,16,17,17,18,18-
dodecachloropentacyclo
[12.2.1.16,9.02,13.05,10]octadeca-7,15-
diene (Dechlorane Plus) (14.17% in
Component Part)

Article Safe Usage Statements:
Wash thoroughly after handling. Do not handle until all safety precautions have
been read and understood. Recycle if possible and dispose of the article by
following all applicable governmental regulations relevant to your geographic
location.

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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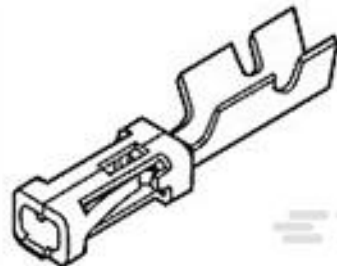
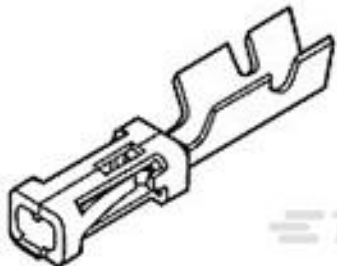
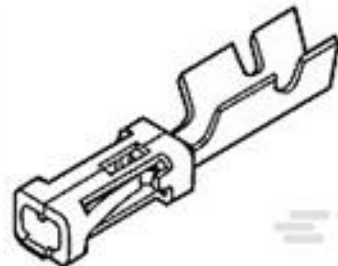
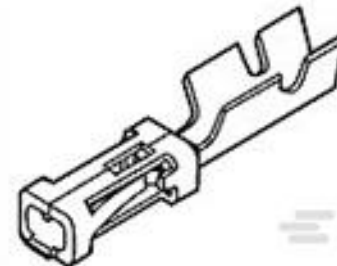
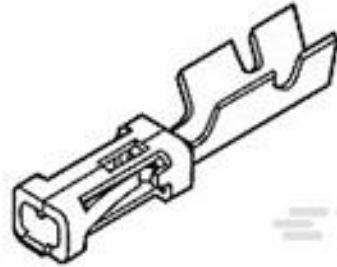
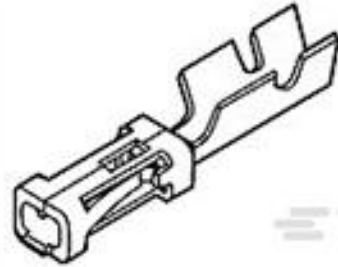
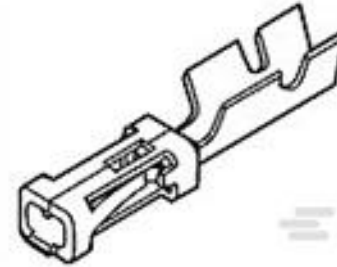
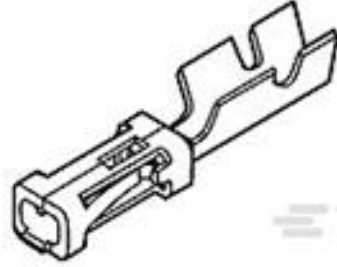
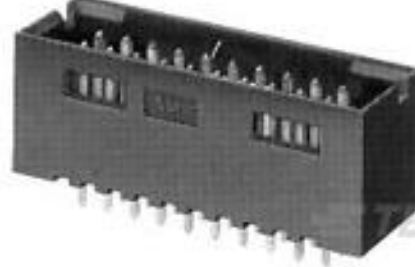
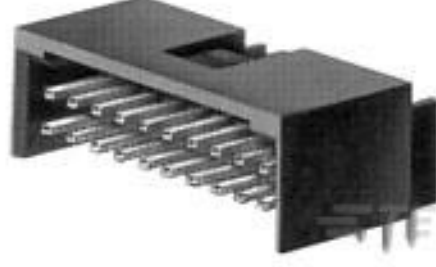
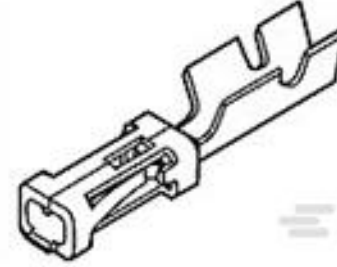
Product Compliance Disclaimer

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

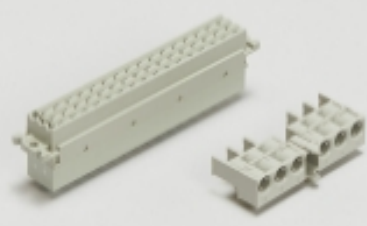
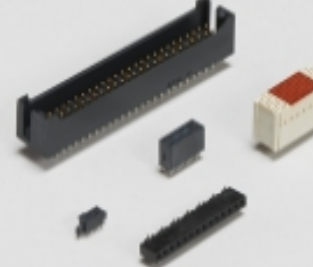
 TE Part # 87666-2 MOD IV RECP PLTD 30 SEL	 TE Part # 6-87756-7 MOD IV REC STP INT'L SPEC REEL	 TE Part # 87756-6 MOD IV RECP PLTD SN	 TE Part # 2-87195-4 MOD IV RECP PLTE 15 DPLX
 TE Part # 87809-1 MOD V RECP PLTD 30 AU	 TE Part # 6-87756-2 MOD IV RECP PLTD 15 DPLX LF	 TE Part # 87309-9 MOD V RECP PLTD 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
 TE Part # 87666-3 MOD IV RECP PLTD SN	 TE Part # 3-88189-2 006 HOUSING FFC PIN DR 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 # 103169-1 06 MODII HDR DRST SHRD .100CL	 TE Part # 102055-2 06 MODII HDR DRRA 3/4SHRD .100	 TE Part # 5-103171-4 MOD IV RECP PLTD 30 DPLX LF

Also in the Series

AMPMODU IV/V

 Automotive Headers(2)	 Automotive Housings(4)	 Backplane Connector Housings(1)	 Board-to-Board Connector Contacts(6)
 Board-to-Board Headers & Receptacles(937)	 Insertion & Extraction Tools(4)	 PCB Connector Covers(18)	 PCB Connector Keying(6)





PCB Connector Mounting(1)



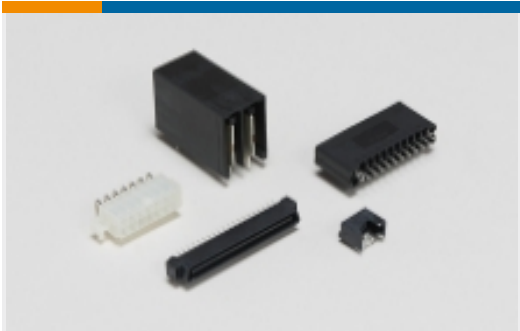
PCB Connector Strain Relief(3)



PCB Latches, Locks & Retainers(9)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(472)



Wire-to-Board Connector Contacts (328)

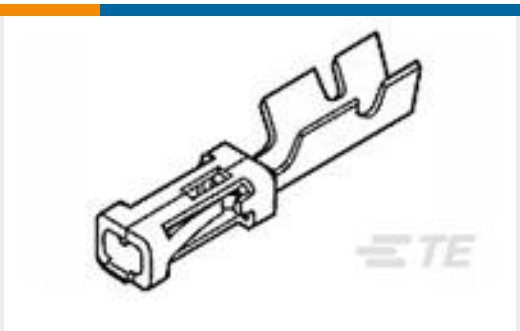
Customers Also Bought



TE Part #1658642-1
D-Sub Crimp: Plug, Signal, 9 Posn, Pin Size 20, Shell Size 1



TE Part #1-640251-8
3.96mm Wire-to-board housing: receptacle, no mating alignment, SL 156



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



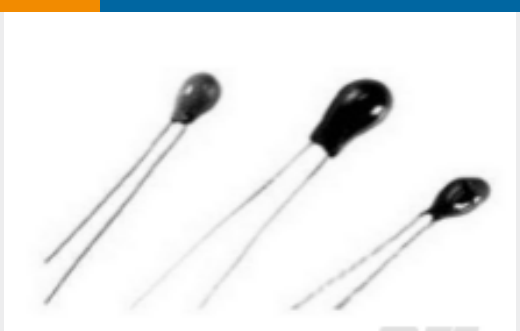
TE Part #1-87631-3
18 MODIV HSG COMP DR .100 POL



TE Part #1-2176338-3
CRGCQ 0402 100R 5%



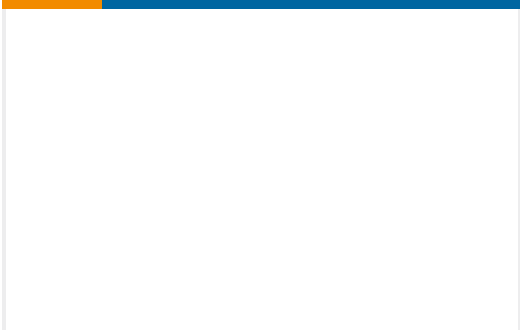
TE Part #1-87631-1
16 MODIV HSG COMP DR .100 POL



TE Part #11026329-00
Model 44000 Series



TE Part #1-745496-8
IDC D-Sub: Plug Assembly, Wire to Wire, Signal, 2.77 mm



TE Part #11031227-00
44018 T-LINEAR COMPONENTS



TE Part #1878662-9
OCC311LB

Documents



Product Drawings

06 MODIV HSG COMP DR .100 POL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_87631-1_AN.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_87631-1_AN.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_87631-1_AN.3d_stp.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

1-1773720-9_AMPMODU_MOD_IV_V_QRG

English

Product Specifications

Product Specification

English

Product Environmental Compliance

MD_87631-1_02152018018_dmtec

English

MD_87631-1_02152018018_dmtec

English

Agency Approvals

UL Report

English