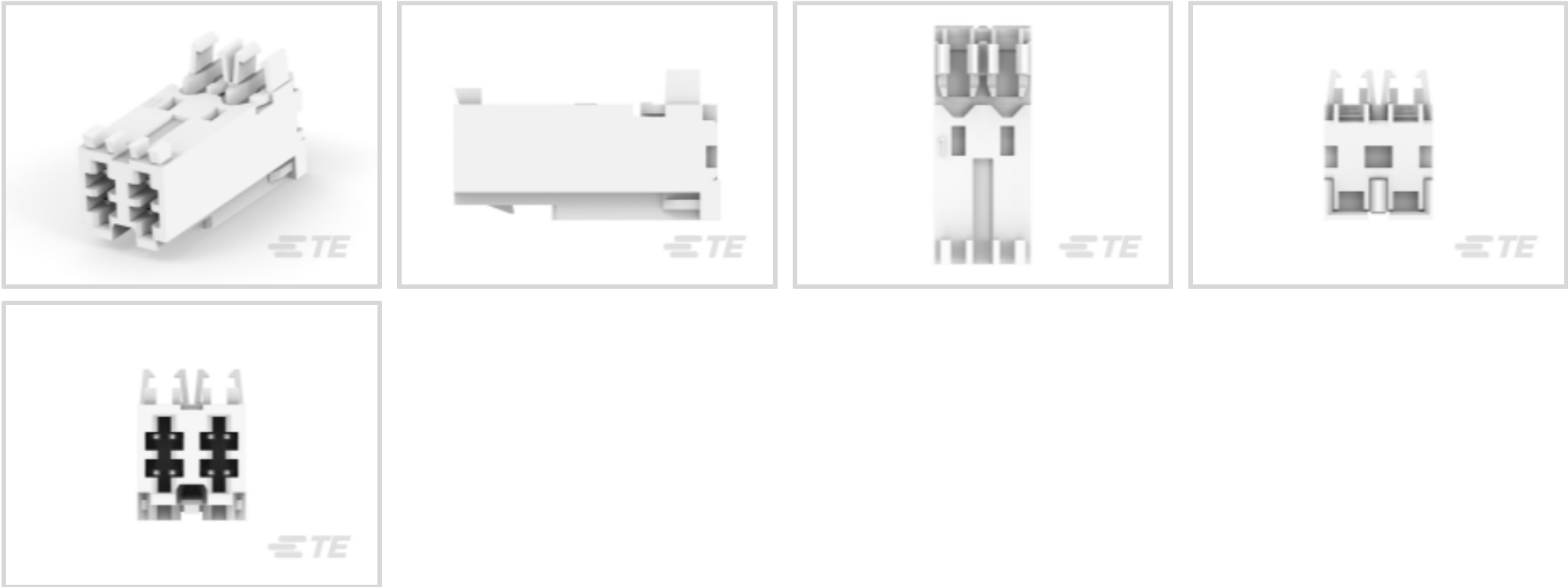




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Cavities	2
Contacts Preloaded	Yes
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	380 VAC
-------------------	---------

Body Features



Primary Product Color	Natural
-----------------------	---------

Contact Features

Wire Contact Termination Area Plating Material	Tin
Contact Layout	Inline
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Current Rating (Max)	16 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
------------------------------------	-------------------------------

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Locking Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 6.6
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Connector Width	14 mm[.55 in]
Connector Height	24.4 mm[.96 in]
Wire Size	20 – 16 AWG
Connector Length	9.9 mm[.389 in]

Usage Conditions

Operating Temperature Range	-25 – 105 °C[-13 – 221 °F]
-----------------------------	----------------------------

Operation/Application

Shielded	No
Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	UL, VDE
---	---------



UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Method	Box & Tray
------------------	------------

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	Not Yet Reviewed
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: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1-282002-7
AMP MONO-SHAPE TAB CONN



TE Part # 1-282002-1
AMP MONO-SHAPE TAB CONN 2P.



TE Part # 293491-3
AMP MONO-SHAPE TAB CONN assy



TE Part # 293491-2
AMP MONO-SHAPE TAB CONN assy 2



TE Part # 293491-4
AMP MONO-SHAPE TAB CONN assy 4




TE Part # 1-293491-2
AMP MONO-SHAPE TAB CONN assy 2



TE Part # 1-293491-3
AMP MONO-SHAPE TAB CONN assy 3


Also in the Series | RAST 5 IDC Connectors



Connector Contacts(12)




Crimp Terminal Housings(39)



Insertion & Extraction Tools(1)



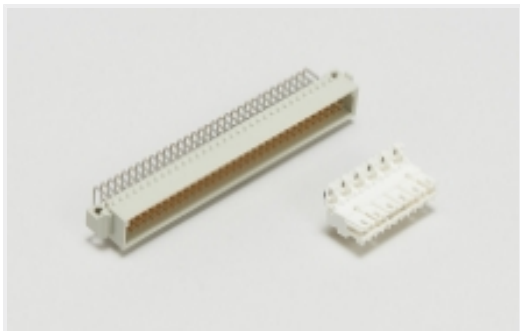
PCB Headers & Receptacles(417)



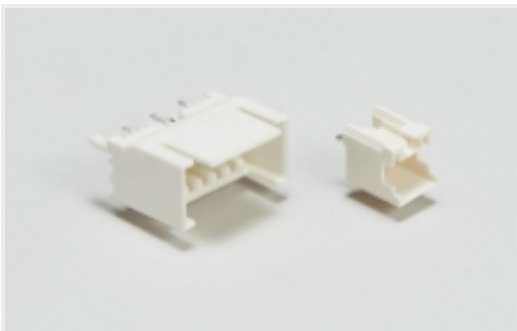
Power Contacts(3)



Rectangular Power Connectors(481)



Standard Edge Connectors(31)



Wire-to-Board Headers & Receptacles (417)

Customers Also Bought



TE Part #7-1623929-1
CFR200 1M8 5%



TE Part #175020-2
250 POSITIVE REC EX MK-2



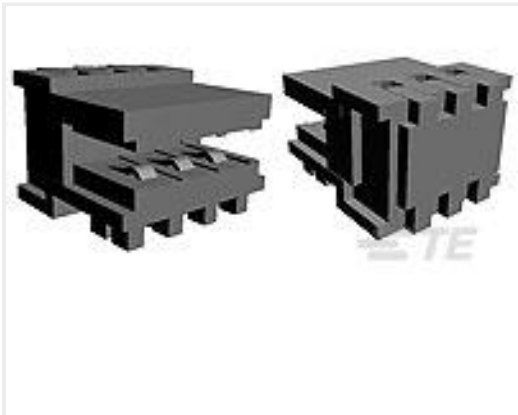
TE Part #2-1971895-4
4P, RAST 5 Tab Header, THV



TE Part #7-1703060-6
STANDARD TIMER SPECIAL HOUSING UL94_V0



TE Part #293267-1
7 POS. FASTIN-FASTON+ TAB
HOUSING RAST 5




TE Part #3-829869-2
5X12P FEDERLEI 2,5



TE Part #3-829869-1
6X11P FEDERLEI 2,5



TE Part #2293392-7
AMP MONO-SHAPE TAB CONN 7P.
LIF UP 10A



TE Part #284085-2
MONO-SHAPE 8 POS.



TE Part #3-284931-5
DUOPLUG std, 5 pos., select.

Documents

Product Drawings

AMP MONO-SHAPE TAB CONN assy 2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-293491-2_D_c-2-293491-2-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-293491-2_D_c-2-293491-2-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-293491-2_D_c-2-293491-2-d.3d_stp.zip

English

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

Datasheets & Catalog Pages

RAST Connector System Catalog

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate



English