3-282003-6 ✔ ACTIVE

RAST 5

TE Internal #: 3-282003-6

3 Position, Receptacle, Connector Assembly, Insulation Displacement (IDC), Wire-to-Board, Tin (Sn), UL 94V-2, 5 mm [.197 in] Centerline, 1 Row, RAST 5

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Connector Assembly**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Locking Latch**

Features

Product Type Features

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

Configuration Features

Contacts Preloaded	Yes
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	380 VAC

Contact Features

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

Housing Features

Centerline (Pitch)	5 mm[.197 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-2

Product Compliance

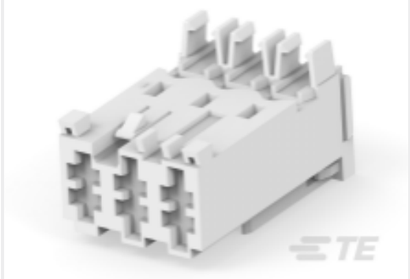
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

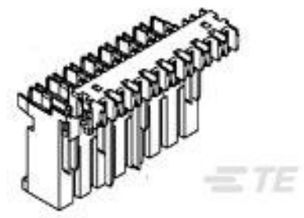
Product Compliance Disclaimer

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 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 # 3-282003-7
AMP MONO-SHAPE TAB CONN 3P. GL



TE Part # 1-284339-1
AMP MONO-SHAPE 3 POS TAB CONN

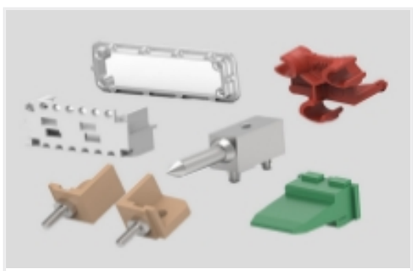


TE Part # 1-284396-1
AMP MONO-SHAPE 3 POS TAB CONN

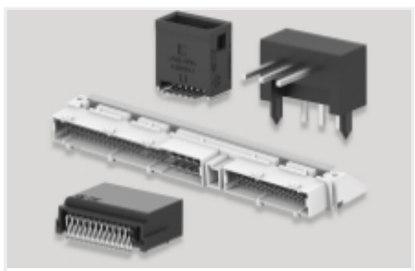
Also in the Series | RAST 5



Connector Contacts(1)



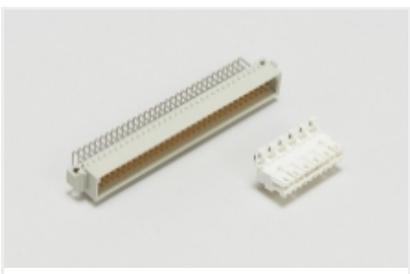
Connector Hardware(3)



PCB Headers & Receptacles(130)



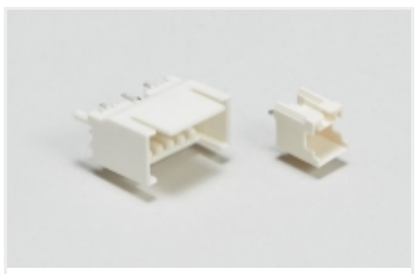
Rectangular Power Connectors(148)



Standard Edge Connectors(8)



Wire-to-Board Connector Assemblies & Housings(23)



Wire-to-Board Headers & Receptacles (130)

Documents

Product Drawings

AMP MONO-SHAPE TAB CONN 3P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-282003-6_AA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-282003-6_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-282003-6_AA.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