

293143-1 ✓ ACTIVE

[RAST](#) | [RAST 5 IDC Connectors](#)

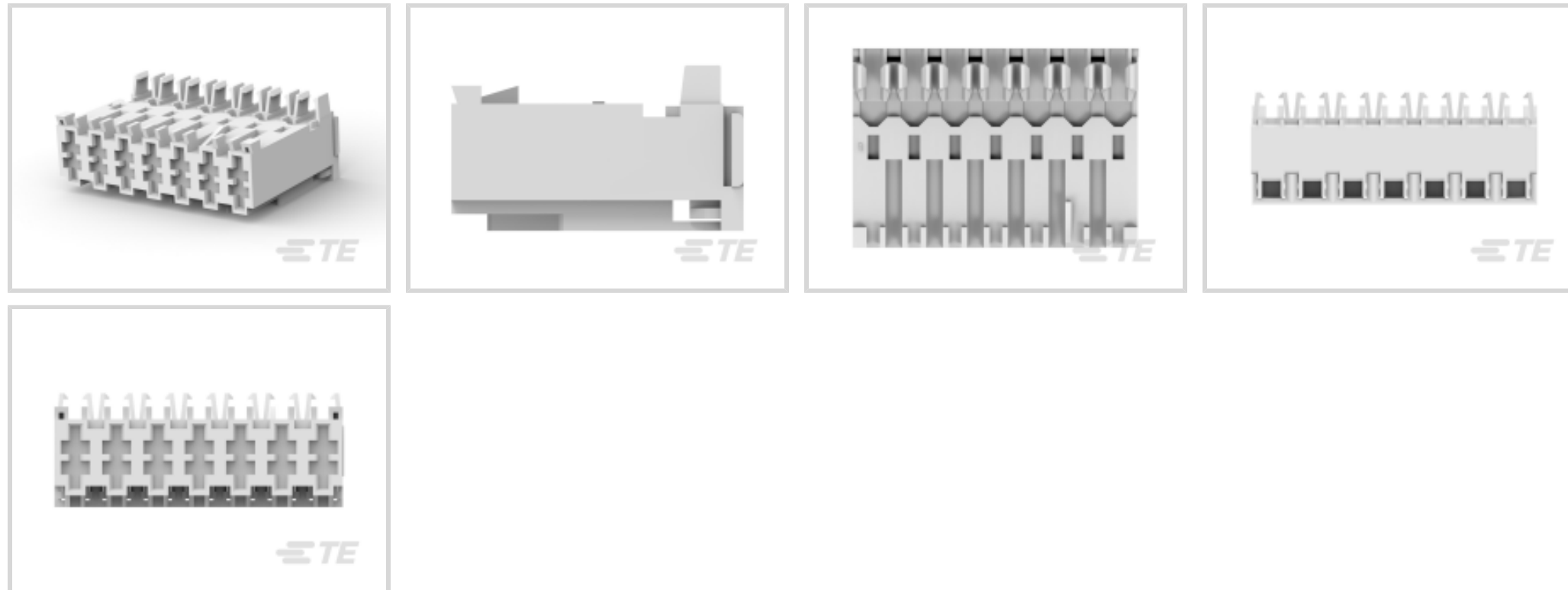
TE Internal #: 293143-1

Connector Assembly, Receptacle, Insulation Displacement (IDC),  
Wire-to-Board, RAST 5 IDC Connectors, Rectangular Wire & Cable  
Connectors & Housings

[View on TE.com >](#)



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	7
Contacts Preloaded	Yes
Number of Positions	7
Number of Rows	1

### Electrical Characteristics

Operating Voltage	240 VAC
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### Body Features



Primary Product Color	Violet
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### 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)	10 A

### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### 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	24.5 mm [.964 in]
Wire Size	20 – 16 AWG
Connector Length	34.9 mm [1.37 in]

### Usage Conditions

Operating Temperature Range	-25 – 105 °C [-13 – 221 °F]
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### Operation/Application

Shielded	No
Circuit Application	Power

### Industry Standards

Compatible With Agency/Standards Products	UL, VDE
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UL Rating	Recognized
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Compatible With Approved Standards Products	UL E28476
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UL Flammability Rating	UL 94V-2
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### Packaging Features

Packaging Quantity	455
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Packaging Method	Box & Tray, Tray
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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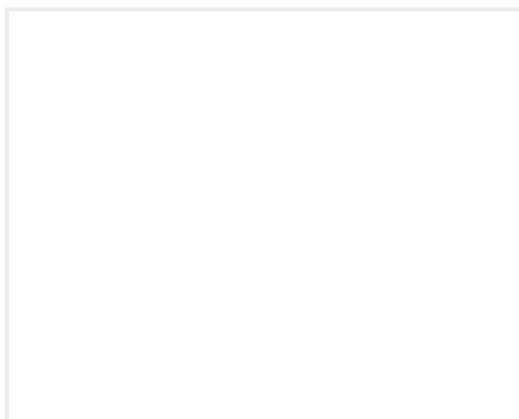
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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#### Product Compliance Disclaimer

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 # 3-2293392-7  
AMP MONO-SHAPE TAB CONN 7P.  
LIF UP 10A



TE Part # 293141-2  
AMP MONO-SHAPE TAB CONN 5P.  
LIF UP 7A



TE Part # 1-293003-5  
MONO SHAPE TAB CONNECTOR 5  
POS



TE Part # 1-282006-2  
AMP MONO-SHAPE TAB CONN 6P. G



TE Part # 1-282007-1  
AMP MONO-SHAPE TAB CONN 7P. G




TE Part # 1-282003-6  
AMP MONO-SHAPE TAB CONN




TE Part # 1-284338-1  
AMP MONO-SHAPE 2 POS TAB  
CONN


Also in the Series | **RAST 5 IDC Connectors**



Connector Contacts(12)



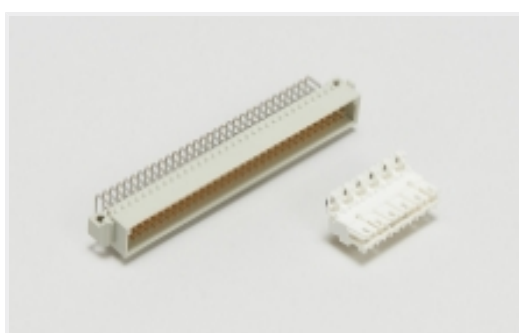
Power Contacts(3)




Rectangular Connector Housings(1)



Rectangular Power Connectors(481)



Standard Edge Connectors(31)



Wire-to-Board Connector Assemblies  
& Housings(197)

Customers Also Bought



TE Part #1-282086-8  
AMP MONO-SHAPE CONN.SINGLE  
WAY LP



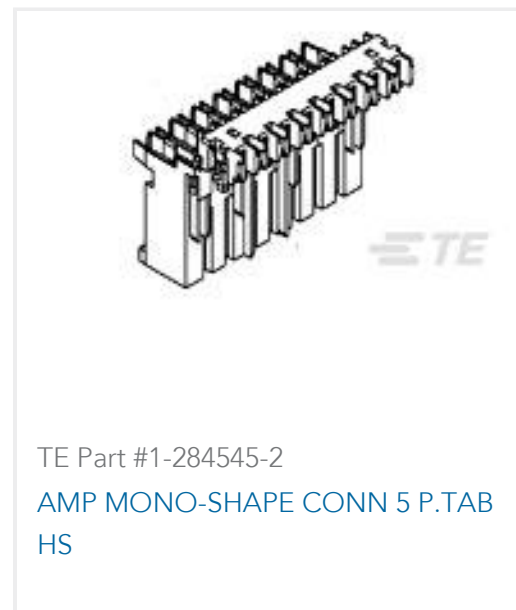
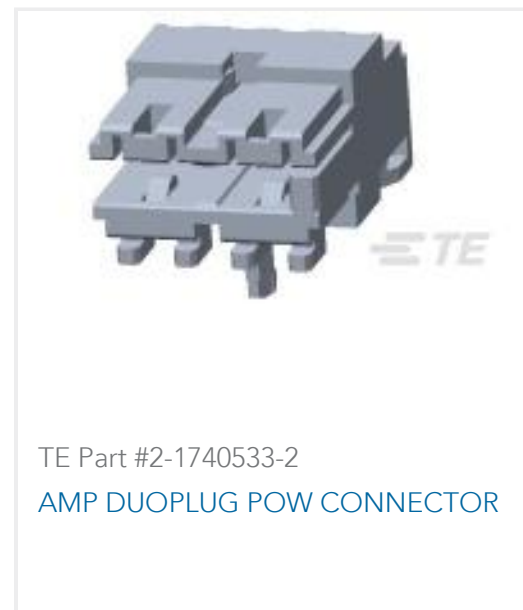
TE Part #1-282086-7  
AMP MONO-SHAPE CONN.SINGLE  
WAY LP



TE Part #1-282002-6  
MONO-SHAPE MK I TAB CONN ASSY



TE Part #1-1740533-8  
AMP DUOPLUG POW CONN. 8POS  
W.PCB LOCKING



## Documents

### Product Drawings

[AMP MONO-SHAPE TAB CONN 7P. LIF UP 10A](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_293143-1\\_A\\_c-293143-1-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_293143-1\\_A\\_c-293143-1-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_293143-1\\_A\\_c-293143-1-a.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