



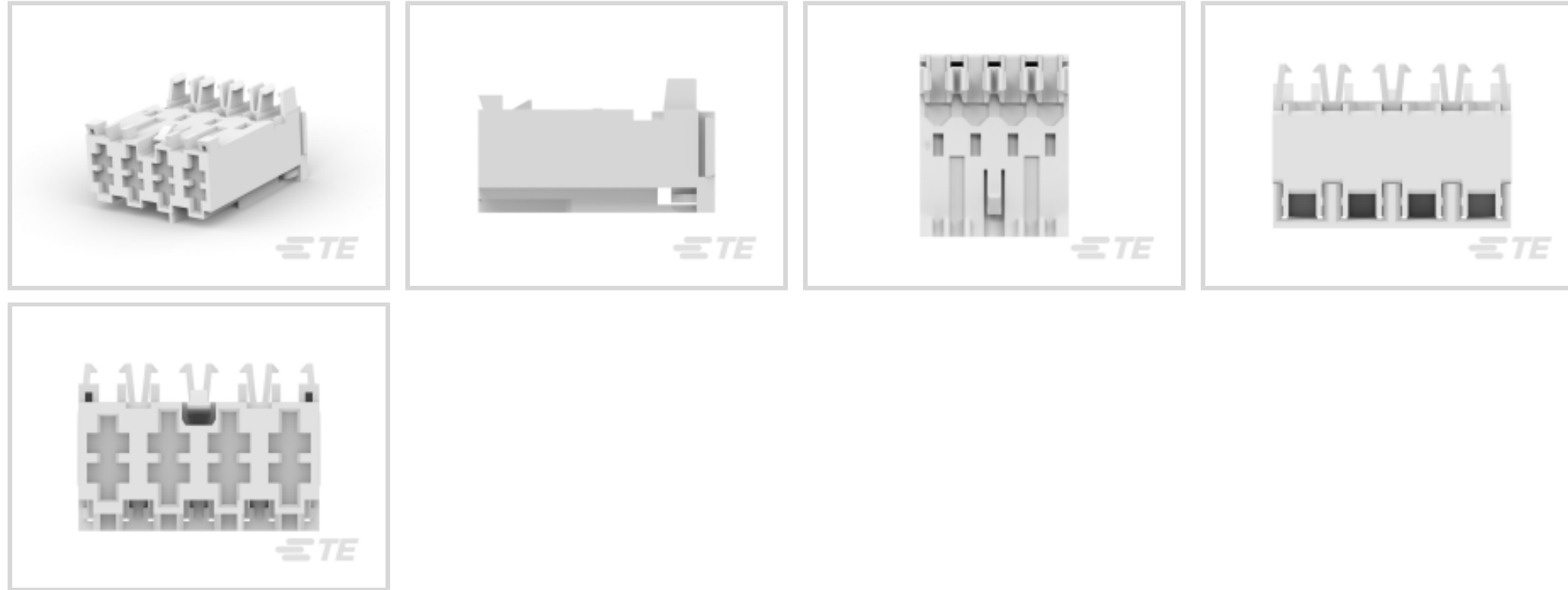
[RAST](#) | [RAST 5 IDC Connectors](#)

TE Internal #: 1-282004-2

Standard Rectangular Connectors, Connector Assembly, Receptacle, Mating Alignment, Polarization Mating Alignment Type, RAST 5 IDC Connectors

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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

| | |
|-----------------------------------|--------------------|
| Product Style | Assembly |
| Shape | Rectangular |
| Wire/Cable Type | Stranded |
| Connector Type | Connector Assembly |
| Housing Type | Receptacle |
| 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 | 4 |
| Number of Positions | 4 |
| Number of Rows | 1 |



| | |
|--------------|---------|
| Panel Gasket | Without |
|--------------|---------|

Electrical Characteristics

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

Contact Features

| | |
|--------------|--------|
| Contact Type | Female |
|--------------|--------|

| | |
|-----------------------------|-------|
| Contact Transmits (Typical) | Power |
|-----------------------------|-------|

| | |
|--|-----|
| Wire Contact Termination Area Plating Material | Tin |
|--|-----|

| | |
|--------------------------------------|-----|
| Contact Mating Area Plating Material | Tin |
|--------------------------------------|-----|

| | |
|----------------------------------|------|
| Contact Retention Within Housing | With |
|----------------------------------|------|

| | |
|------------------------------|------|
| Contact Current Rating (Max) | 16 A |
|------------------------------|------|

Termination Features

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

Mechanical Attachment

| | |
|-------------|----|
| Panel Mount | No |
|-------------|----|

| | |
|---------------------|---------|
| Panel Mount Feature | Without |
|---------------------|---------|

| | |
|------------------|------|
| 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 Color | Black |
|---------------|-------|

| | |
|------------------|--------|
| Housing Material | PA 6.6 |
|------------------|--------|

| | |
|--------------------|---------------|
| Centerline (Pitch) | 5 mm[.197 in] |
|--------------------|---------------|

Dimensions

| | |
|-------|---------------|
| Width | 14 mm[.55 in] |
|-------|---------------|

| | |
|--------|------------------|
| Height | 24.5 mm[.964 in] |
|--------|------------------|

| | |
|--------|-----------------|
| Length | 19.9 mm[.78 in] |
|--------|-----------------|

| | |
|-----------|--------------------------|
| Wire Size | .5 – 1.5 mm ² |
|-----------|--------------------------|

Usage Conditions

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

Operation/Application



| | |
|---------------------|-------|
| Shielded | No |
| Circuit Application | Power |

Industry Standards

| | |
|------------------------|------------|
| Agency/Standard | UL, VDE |
| UL Rating | Recognized |
| VDE Tested | Yes |
| UL File Number | E28476 |
| UL Flammability Rating | UL 94V-2 |

Packaging Features

| | |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

Product Compliance

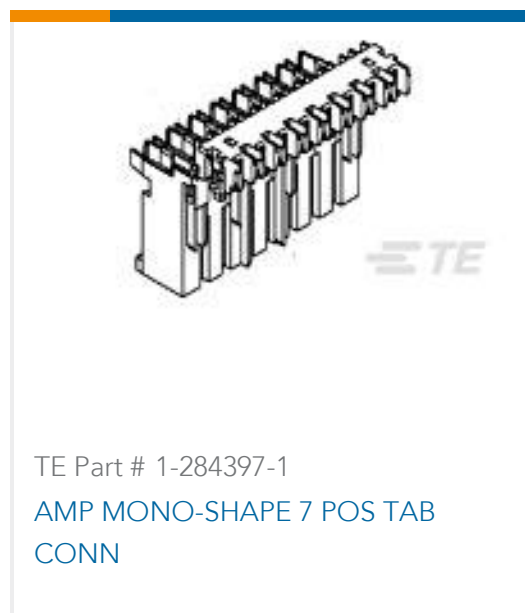
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | 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 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

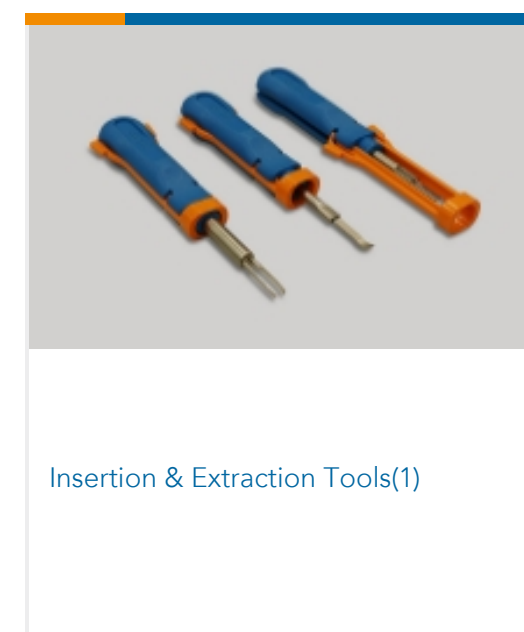
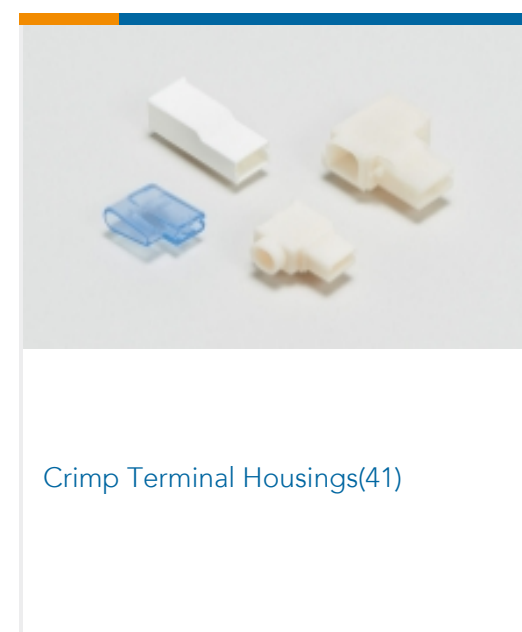
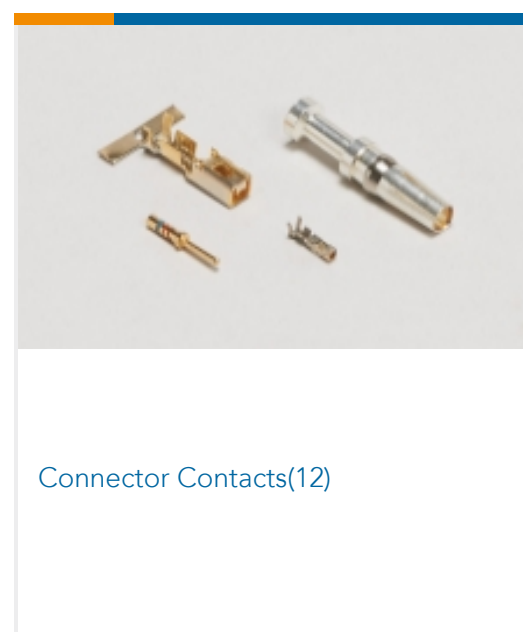
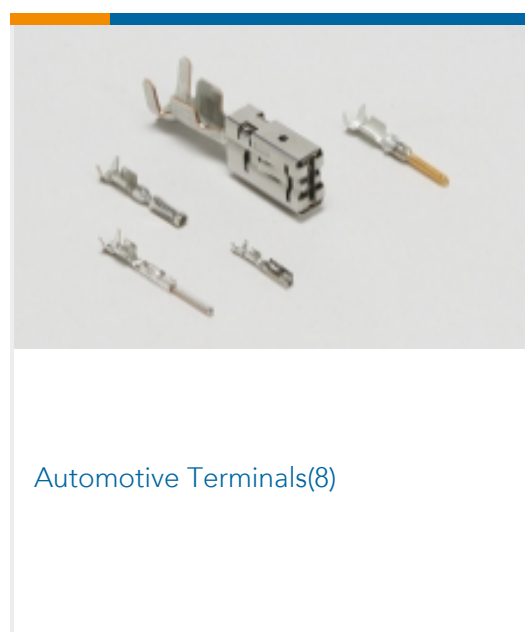
Product Compliance Disclaimer

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



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

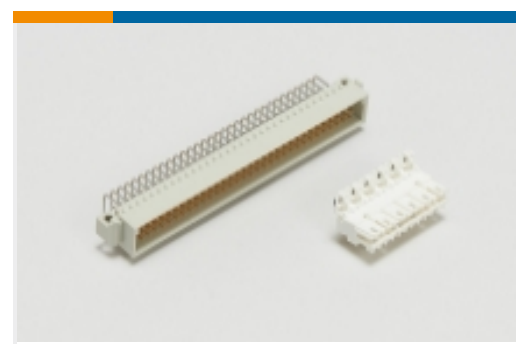




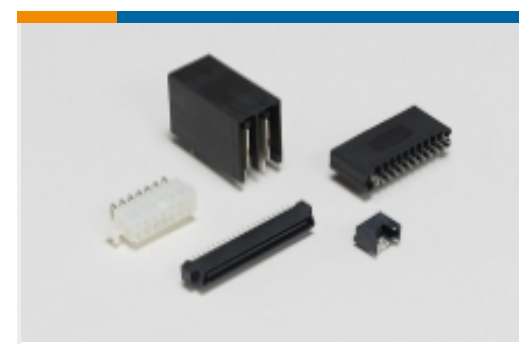
PCB Headers & Receptacles(424)



Rectangular Connector Housings(1)



Standard Edge Connectors(47)



Standard Rectangular Connectors(112)



Wire-to-Board Connector Assemblies & Housings(213)



Wire-to-Board Connector Contacts(2)

Documents

Product Drawings

AMP MONO-SHAPE TAB CONN 4P. G

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-282004-2_V.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-282004-2_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-282004-2_V.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report



English