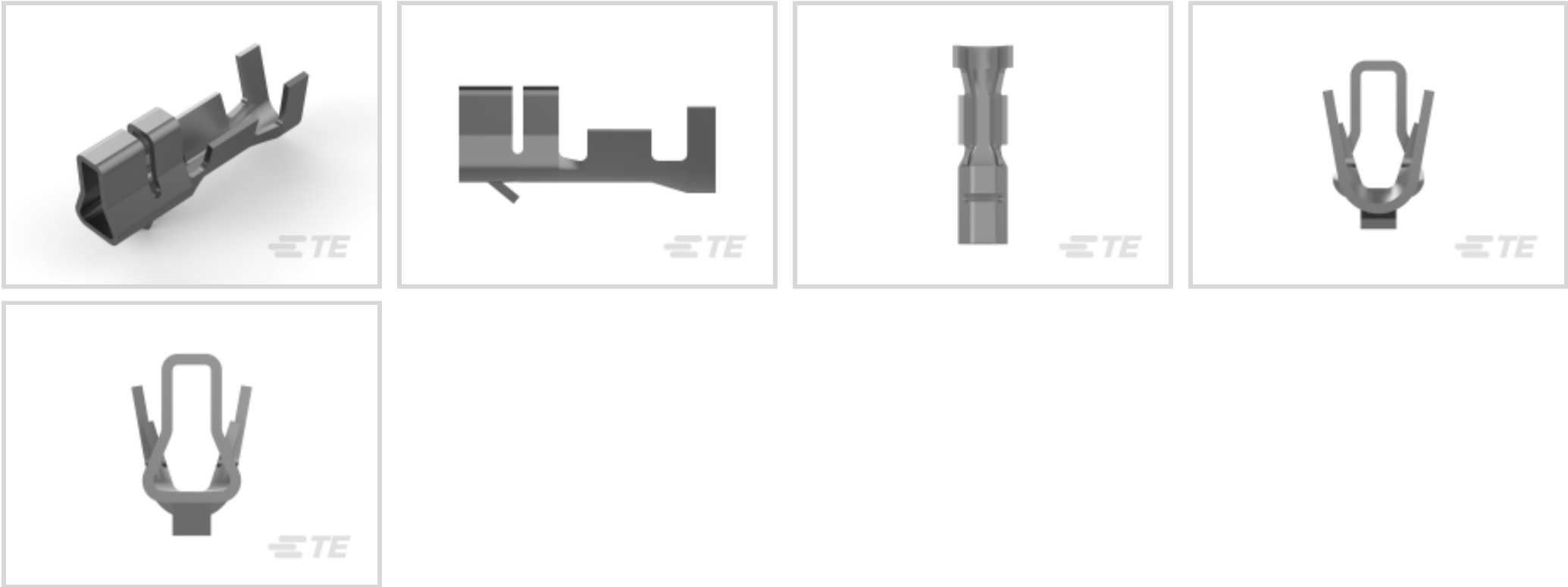




Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**  
Contact Mating Area Plating Material: **Tin**  
Wire Contact Termination Area Plating Material: **Pre-Tin**  
Operating Voltage: **50 VDC**

Features

Industry Standards

|                                           |              |
|-------------------------------------------|--------------|
| Compatible With Agency/Standards Products | UL, VDE, CSA |
| UL Flammability Rating                    | UL 94V-0     |

Product Type Features

|                    |          |
|--------------------|----------|
| Discrete Wire Type | Stranded |
|--------------------|----------|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Method   | Loose Piece |
| Packaging Quantity | 1000        |

Operation/Application

|                     |        |
|---------------------|--------|
| For Multiple Crimp  | No     |
| Circuit Application | Signal |

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | .93 – 1.5 mm [.037 – .059 in] |
| Wire Size                            | .12 – .35 mm²                 |

Contact Features



|                                                 |                 |
|-------------------------------------------------|-----------------|
|                                                 | .283 in         |
| Wire Contact Termination Area Plating Thickness | .8 µm[31.5 µin] |
| Barrel Type                                     | Open            |
| Contact Type                                    | Receptacle      |
| Contact Mating Area Plating Material            | Tin             |
| Wire Contact Termination Area Plating Material  | Pre-Tin         |
| Contact Retention Within Housing                | With            |
| Contact Base Material                           | Phosphor Bronze |
| Contact Current Rating (Max)                    | 3 A             |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 50 VDC |
|-------------------|--------|

Mechanical Attachment

|                                       |                   |
|---------------------------------------|-------------------|
| Contact Retention Type Within Housing | Double Lock Plate |
|---------------------------------------|-------------------|

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
|-----------------------------|----------------------------|

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241) |



|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
|                           | Does not contain REACH SVHC                                                         |
| Halogen Content           | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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

TE Part # 234604-1  
SAHT 2.5 SIG DBL-L M REC TAB 26-22 ASSY

TE Part # 917687-6  
2.5 SIGNAL D/LOCK PLUG HSG 3P

TE Part # CAT-SI261-P729  
STD Temp Signal Double Lock Plug

TE Part # 234605-1  
EXT-TOOL

Also in the Series | AMP Signal Double Lock

Connector Caps & Covers(1)

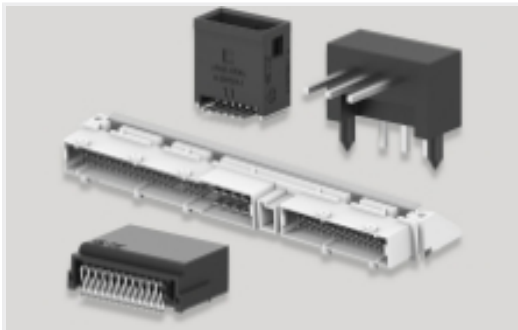
Connector Contacts(14)

Connector Hardware(19)

Connector Seals & Cavity Plugs(10)



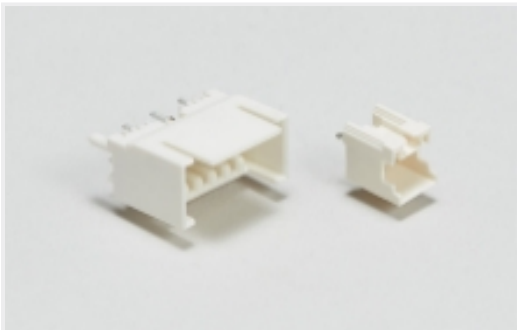
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(146)



Rectangular Power Connectors(1)



Wire-to-Board Headers & Receptacles (146)

Customers Also Bought



TE Part #1757624-1  
SZ 8 COAX PIN,RG142,HEX CRIMP



TE Part #205162-6  
AMPLIMITE,ASY,PLUG,109,1



TE Part #CAT-DMC-MD-26  
Rectangular Connector Receptacle  
Extenders, Tool-less Assembly



TE Part #2180273001  
55A0811-18-0



TE Part #YDTS26W17-08AAV001  
PLUG ASSY



TE Part #2180283001  
55A0811-18-2



TE Part #ZPF000000000200230  
724-0001-24



TE Part #ZPF000000000148762  
DMC-M 99-04 AN (=33537-P0000)

Documents

Product Drawings  
2.5 SIGNAL D/L REC CONT. M L/P  
English

CAD Files  
Customer View Model  
ENG\_CVM\_316401-1\_B.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_316401-1\_B.3d\_stp.zip  
English  
Customer View Model  
ENG\_CVM\_316401-1\_B.2d\_dxf.zip  
English  
3D PDF  
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Datasheets & Catalog Pages

SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG

English

Product Specifications

Product Specification

English

Agency Approvals

TUV Certificate

English