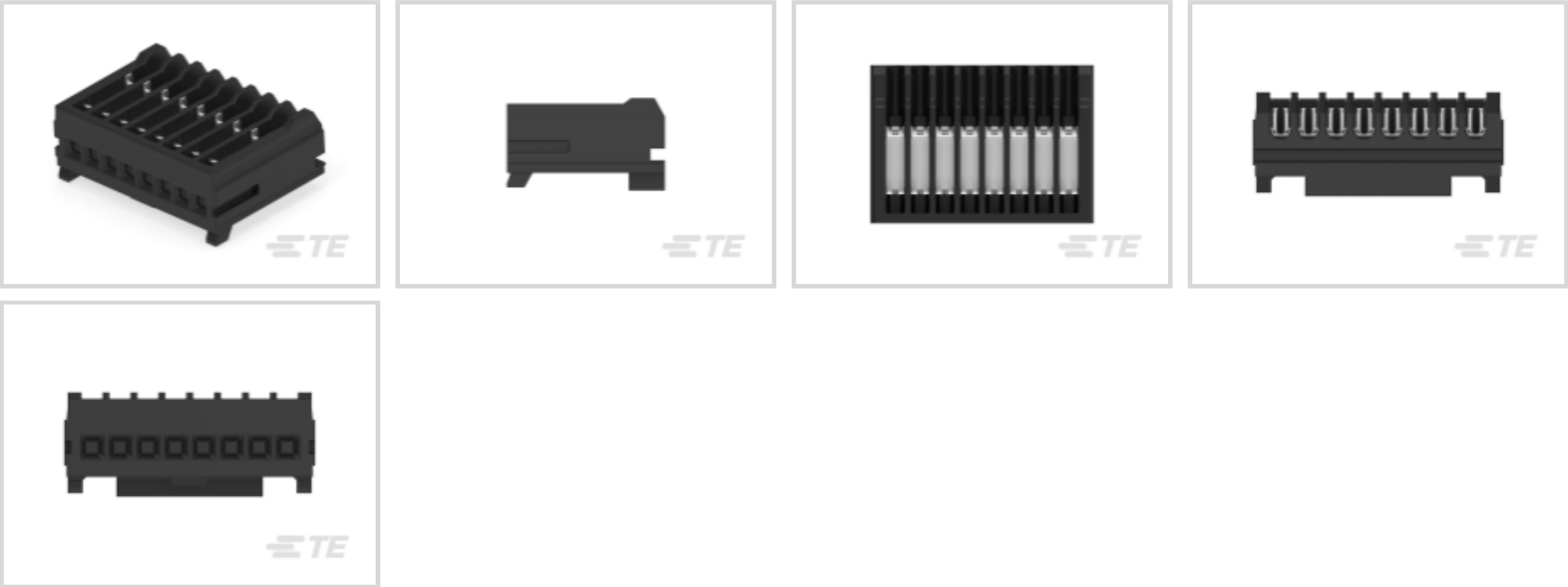




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **8**

Centerline (Pitch): **1.2 mm [ .047 in ]**

Features

Product Type Features

|                                   |                    |
|-----------------------------------|--------------------|
| Connector Product Type            | Connector Assembly |
| Connector & Housing Type          | Receptacle         |
| Connector System                  | Wire-to-Board      |
| Connector & Contact Terminates To | Wire & Cable       |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 8 |
| Number of Rows      | 1 |

Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Termination Resistance                | 20 mΩ   |
| Dielectric Withstanding Voltage (Max) | 250 VAC |
| Insulation Resistance                 | 100 MΩ  |
| Operating Voltage                     | 50 VAC  |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|



Contact Features

|                                  |                 |
|----------------------------------|-----------------|
| Contact Retention Within Housing | With            |
| Contact Layout                   | Inline          |
| Contact Type                     | Receptacle      |
| Contact Base Material            | Phosphor Bronze |
| Contact Current Rating (Max)     | 2 A             |

Termination Features

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

Mechanical Attachment

|                                       |                 |
|---------------------------------------|-----------------|
| Locking Latch Between Cavity Number   | None            |
| Strain Relief                         | With            |
| Contact Retention Type Within Housing | Press-Fit       |
| Mating Retention Type                 | Detent Latching |
| Mating Retention                      | With            |

Housing Features

|                             |                  |
|-----------------------------|------------------|
| Housing Entry Configuration | Both Ends Open   |
| Housing Material            | 66 Nylon (GF)    |
| Centerline (Pitch)          | 1.2 mm [.047 in] |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Connector Length                     | 10.8 mm [.425 in]            |
| Connector Height                     | 4.47 mm [.175 in]            |
| Connector Width                      | 7.65 mm [.301 in]            |
| Compatible Insulation Diameter Range | .86 – .9 mm [.033 – .035 in] |
| Wire Size                            | 26 – 28 AWG                  |

Usage Conditions

|                             |            |
|-----------------------------|------------|
| Operating Temperature Range | 30 – 85 °C |
|-----------------------------|------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|                                             |           |
|---------------------------------------------|-----------|
| RAST Version                                | None      |
| Compatible With Agency/Standards Products   | UL        |
| Compatible With Approved Standards Products | UL E28476 |



UL Flammability Rating

UL 94V-0

Packaging Features

|                  |            |
|------------------|------------|
| Packaging Method | Bag/Carton |
|------------------|------------|

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)<br>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

|                                                                                                                                                                    |                                                                                                                                                |                                                                                                                                                 |                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>TE Part # 2355091-8<br/>MICRO CT CONN SINGLE ROW HDR<br/>ASSY(V) 8p</div> |  <div>TE Part # 2388700-2<br/>DECAM 7A, MICRO CT, CT</div> |  <div>TE Part # 2374779-1<br/>MANUAL PRESS, MICRO CT</div> |  <div>TE Part # 2388630-1<br/>PISTOL TOOL, MICRO CT</div> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

Customers Also Bought



TE Part #1-292254-5  
CT RELAY HDR ASSY 15P NAT



TE Part #353293-3  
MINI CT MT REC ASSY 3P GRAY



TE Part #3-353293-7  
1.5MM CT MT REC ASSY 17P BLACK



TE Part #4-353293-0  
1.5MM CT MT REC ASSY 20P BLACK



TE Part #2-353293-2  
1.5MM CT MT REC ASS'Y 2P BLACK



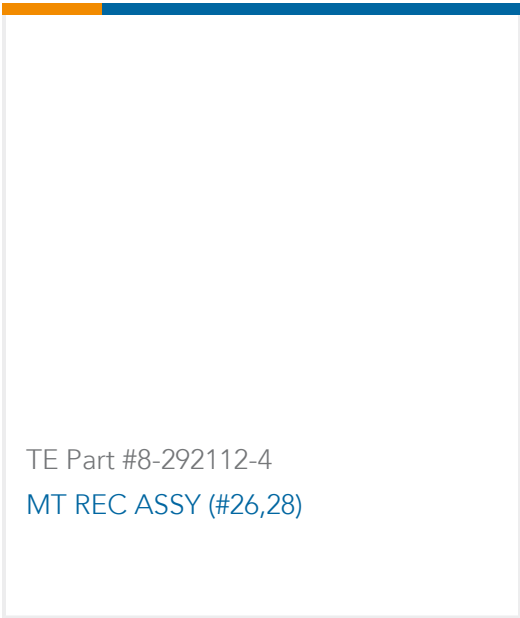
TE Part #1-2355088-4  
MICRO CT CONN MT REC ASSEMBLY 14P



TE Part #1-2355088-7  
MICRO CT CONN MT REC ASSEMBLY 17P



TE Part #2-2355088-5  
MICRO CT CONN MT REC ASSEMBLY 25P



TE Part #8-292112-4  
MT REC ASSY (#26,28)



TE Part #8-292112-7  
MT REC ASSY (#26,28)

Documents

Product Drawings

MICRO CT CONN MT REC ASSEMBLY 8P

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2355088-8\_C2.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2355088-8\_C2.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_2355088-8\_C2.2d\_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages



1.2mm AMP Micro CT Connector Series

English

- Product Specifications
- Application Specification

Japanese

- Agency Approvals
- UL

English