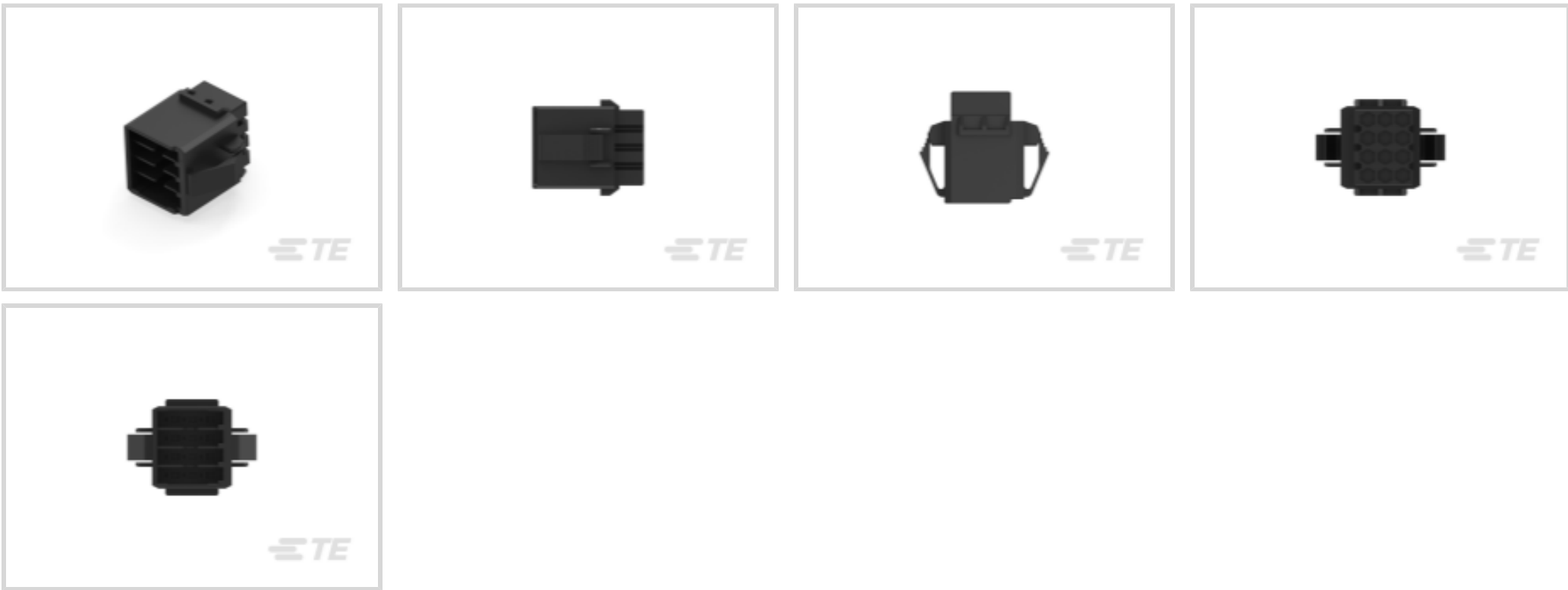




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > Receptacle and Tab Housing: 3.5 mm pitch, 250V



Connector Product Type: **Housing**

Connector & Housing Type: **Housing for Male Terminals**

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

Number of Positions: **12**

Centerline (Pitch): **3.5 mm [ .138 in ]**

[All Receptacle and Tab Housing: 3.5 mm pitch, 250V \(8\)](#)

Features

Product Type Features

|                                   |                            |
|-----------------------------------|----------------------------|
| Connector Product Type            | Housing                    |
| Connector & Housing Type          | Housing for Male Terminals |
| Connector System                  | Wire-to-Wire               |
| Sealable                          | No                         |
| Connector & Contact Terminates To | Wire & Cable               |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 12 |
| Number of Rows      | 3  |

Body Features

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

Termination Features

|  |  |
|--|--|
|  |  |
|--|--|



|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Mating Retention        | With        |
| Connector Mounting Type | Panel Mount |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 3.5 mm[.138 in] |
|--------------------|-----------------|

Dimensions

|                    |                 |
|--------------------|-----------------|
| Row-to-Row Spacing | 3.3 mm[.129 in] |
|--------------------|-----------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 - 105 °C[-67 - 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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

TE Part # 1-2069029-4  
DYNAMIC 1500T REC HSG 12P X  
BLACK

Also in the Series | Dynamic 1000 Series

Connector Contacts(40)

Connector Hardware(3)

Insertion & Extraction Tools(2)

PCB Headers & Receptacles(172)

Rectangular Connector Housings(2)

Standard Rectangular Connectors(1)

Wire-to-Board Connector Assemblies  
& Housings(159)

Customers Also Bought

TE Part # 1-1903131-3  
Receptacle and Tab Housing: 2.5 mm  
Pitch, 250V

TE Part # 1-1827863-5  
DYNAMIC 1100D REC HSG 30P X  
BLACK

TE Part # 900128-2  
DYNAMIC PUSH RIVET

TE Part # 2298007-1  
MINI IO CABLE ASSY ONE END L1000

Documents

Product Drawings  
DYNAMIC 1500T TAB HSG 12PX P/M  
English





CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-2040404-4\_K\_c-1-2040404-4-k.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2040404-4\_K\_c-1-2040404-4-k.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-2040404-4\_K\_c-1-2040404-4-k.3d\_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Agency Approvals

TUV Certificate

English