



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings >  
Receptacle Housing: Spring clamp, 3.5 mm pitch, 150V



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **12**

Centerline (Pitch): **3.5 mm [.137 in]**

[All Receptacle Housing: Spring clamp, 3.5 mm pitch, 150V \(6\)](#)

Features

Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector Product Type            | Housing       |
| Connector & Housing Type          | Receptacle    |
| Connector System                  | Wire-to-Board |
| Sealable                          | No            |
| Connector & Contact Terminates To | Wire & Cable  |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 12 |
| Number of Rows      | 2  |

Body Features

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

Contact Features

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



|                              |              |
|------------------------------|--------------|
| Contact Type                 | Receptacle   |
| Contact Base Material        | Copper Alloy |
| Contact Current Rating (Max) | 1 A          |

Termination Features

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

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Strain Relief           | Without                    |
| Mating Retention        | With                       |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                    |                  |
|--------------------|------------------|
| Housing Material   | Polyester - GF   |
| Centerline (Pitch) | 3.5 mm [.137 in] |

Dimensions

|                    |                   |
|--------------------|-------------------|
| Connector Length   | 32.2 mm [1.26 in] |
| Connector Height   | 16.4 mm [.64 in]  |
| Connector Width    | 20.6 mm [.81 in]  |
| Row-to-Row Spacing | 3.3 mm [.129 in]  |

Usage Conditions

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

Operation/Application

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

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 48   |
| 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 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 applicable for solder process capability                                                                                    |

Product Compliance Disclaimer

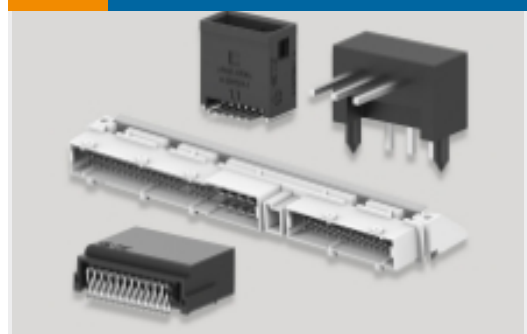
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1891348-1  
EXTRACTION TOOL

Also in the Series | Dynamic 1000 Series

|                                                                                                               |                                                                                                               |                                                                                                                          |                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <br>Connector Contacts(40) | <br>Connector Hardware(3) | <br>Insertion & Extraction Tools(2) | <br>PCB Headers & Receptacles(173) |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|



Rectangular Connector Housings(2)



Standard Rectangular Connectors(4)



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

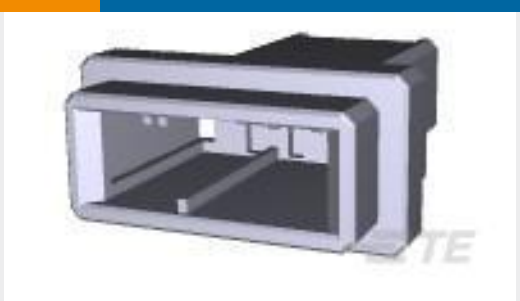
Customers Also Bought



TE Part #1-179554-3  
DYNAMIC D-3200 WTW TAB HSG 6P



TE Part #1-1827862-5  
DYNAMIC 1100D REC HSG 10P X BLACK



TE Part #1-177648-3  
D3100S DYNAMIC W-T-W TAB HSG



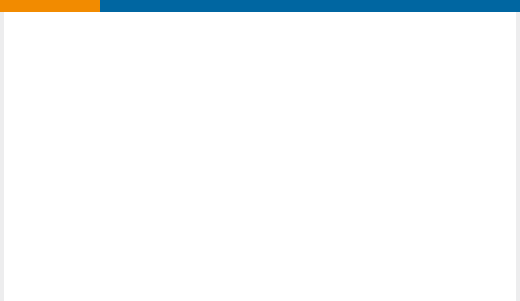
TE Part #1827570-2  
DYNAMIC D1000 REC CONT M AU 0.38um FORM



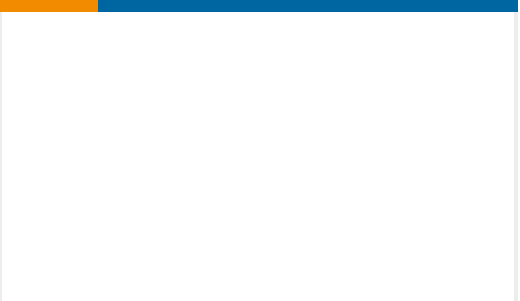
TE Part #4-1473562-4  
RITS CONN. PLUG ASSY 4P GREEN



TE Part #1971153-2  
CONN ASSY INDUSTRIAL MINI I/O J-CONN.



TE Part #2315235-1  
MINI-CT CABLE ASSEMBLY L80



TE Part #2315235-2  
MINI-CT 9P CABLE ASSEMBLY L50



TE Part #2325698-1  
MINI-CT 5P CABLE ASSEMBLY L100

Documents

Product Drawings

DYNAMIC 1900D REC ASSY CAGE 12p

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1871940-6\_G.2d\_dxf.zip



English

Customer View Model

ENG\_CVM\_CVM\_1-1871940-6\_G.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1871940-6\_G.3d\_stp.zip

English

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

Datasheets & Catalog Pages

DYNAMIC SPRING CLAMP SERIES

English

DYNAMIC SPRING CLAMP SERIES

Japanese

Product Specifications

Product Specification

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English