

2-1871940-1 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 1000 Series](#)

TE Internal #: 2-1871940-1

Connector Assembly, Receptacle, Wire-to-Board, 22 Position, 3.5 mm [.137 in] Centerline, Clamp, 2 Row, Black, Mating Retention, Dynamic 1000 Series

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Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **22**

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

[All DYNAMIC 1900D REC ASSY CAGE \(6\)](#)

## Features

### Product Type Features

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 Positions	22
Number of Rows	2

### Contact Features

Contact Current Rating (Max)	4.5 A
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### Termination Features

Termination Method to Wire & Cable	Clamp
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### Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)



### Housing Features

Centerline (Pitch)	3.5 mm [.137 in]
Housing Color	Black

### Dimensions

Wire Size	.5 – .1 mm <sup>2</sup>
Row-to-Row Spacing	3.3 mm [.129 in]

### Usage Conditions

Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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## 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: JUNE 2022 (224) 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

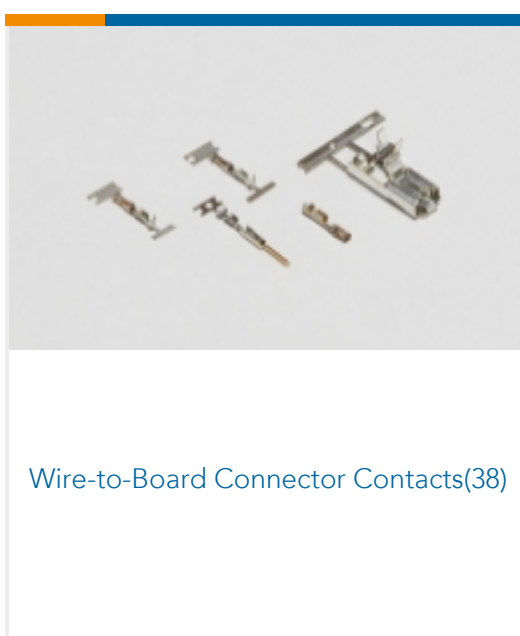
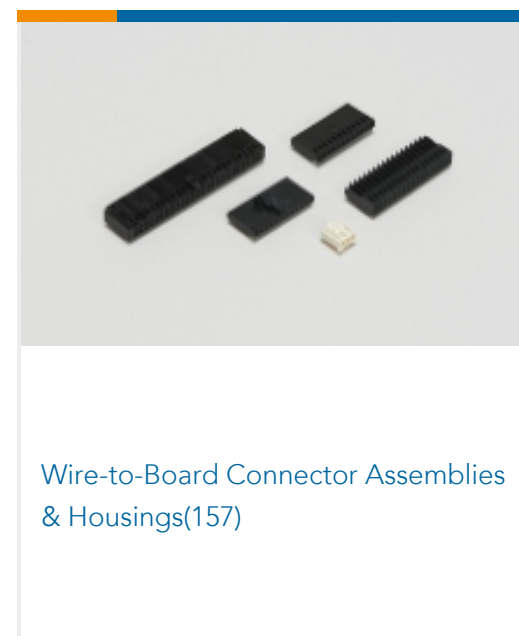
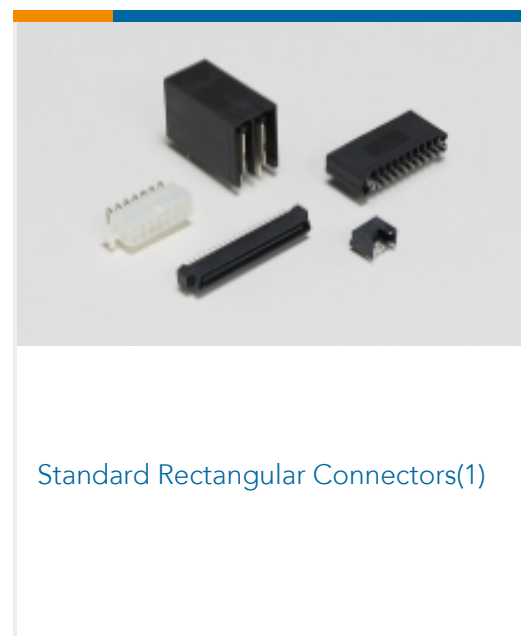
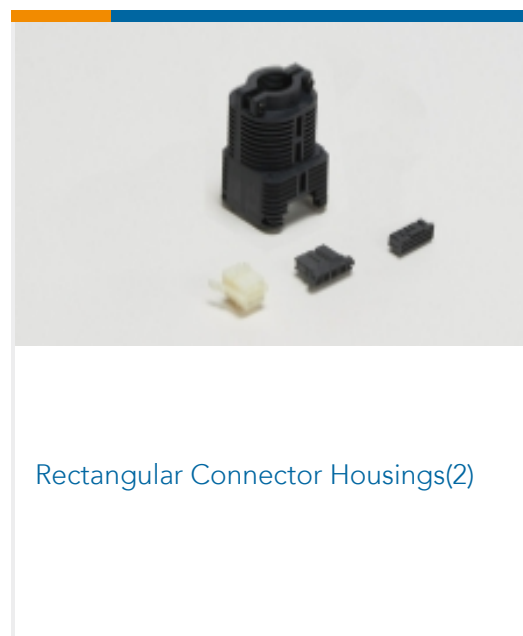
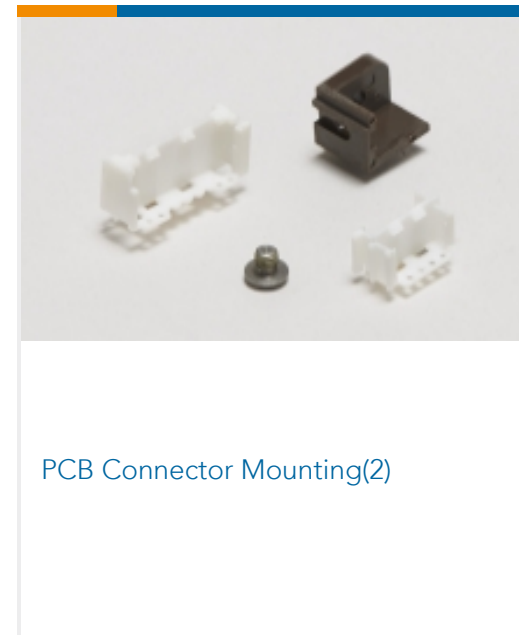
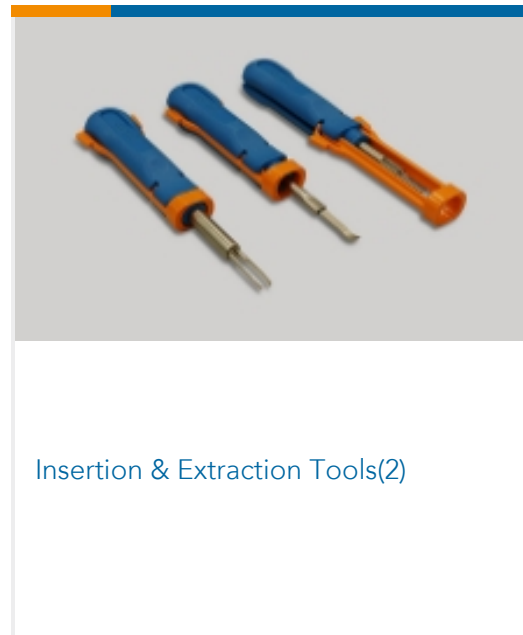
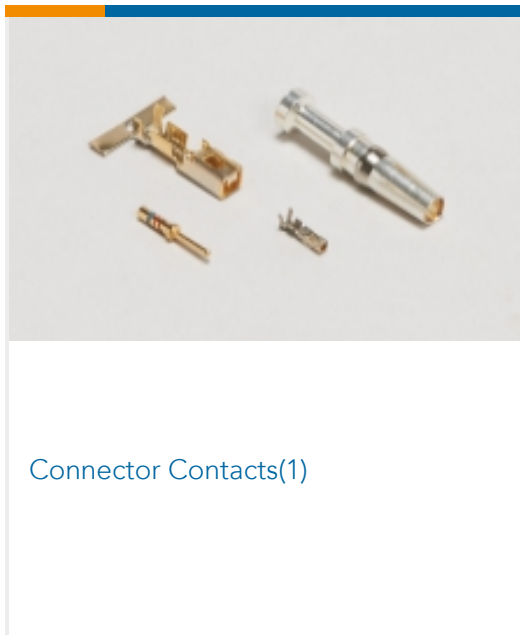
#### Product Compliance Disclaimer

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 | Dynamic 1000 Series



## Documents

### Product Drawings

DYNAMIC 1900D REC ASSY CAGE 22p

Japanese

### CAD Files

3D PDF

3D

Customer View Model



[ENG\\_CVM\\_CVM\\_2-1871940-1\\_G.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1871940-1\\_G.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-1871940-1\\_G.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

**DYNAMIC SPRING CLAMP SERIES**

English

**DYNAMIC SPRING CLAMP SERIES**

Japanese

[1-1773732-4\\_DYNAMIC\\_SERIES\\_CATALOG\\_ENGLISH](#)

Japanese

[1-1773732-4\\_DYNAMIC\\_SERIES\\_CATALOG\\_ENGLISH](#)

English

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### Product Specifications

**Product Specification**

Japanese

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### Instruction Sheets

**Instruction Sheet (U.S.)**

English

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### Agency Approvals

**UL Report**

English