

178803-8 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 3000 Series](#)

TE Internal #: 178803-8

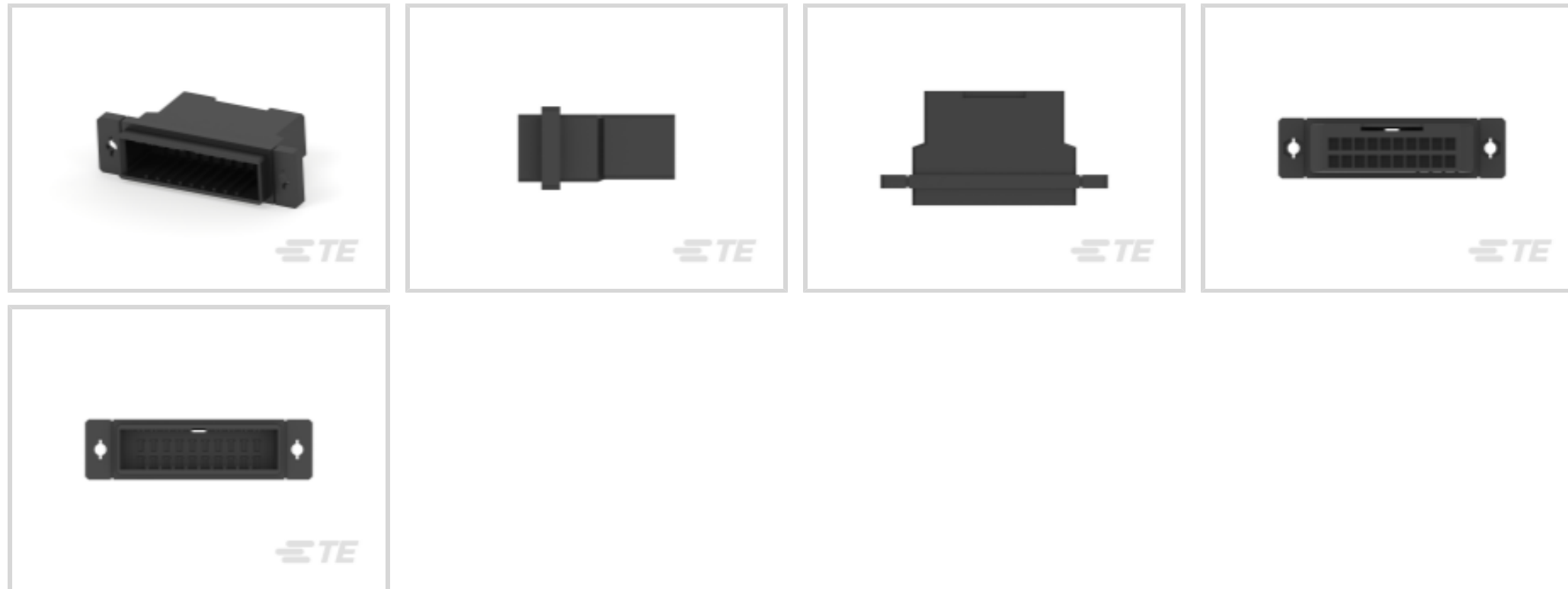
Housing, Housing for Male Terminals, Wire-to-Wire, 20 Position, 3.81 mm [.15 in] Centerline, Crimp, 2 Row, Black, Dynamic 3000 Series

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[Connectors](#) > [PCB Connectors](#) > [Wire-to-Board Connectors](#) > [Wire-to-Board Connector Assemblies & Housings](#) >

DYNAMIC 3100 REC AND TAB HSG



Connector Product Type: **Housing**

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

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

Number of Positions: **20**

Centerline (Pitch): **3.81 mm [.15 in]**

[All DYNAMIC 3100 REC AND TAB HSG \(45\)](#)

## 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	20
Number of Rows	2

### Termination Features

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

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Mating Retention	With
Connector Mounting Type	Panel Mount

### Housing Features

Centerline (Pitch)	3.81 mm [.15 in]
Housing Color	Black

### Dimensions

Row-to-Row Spacing	5.08 mm [.2 in]
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Operation/Application

Circuit Application	Power & 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

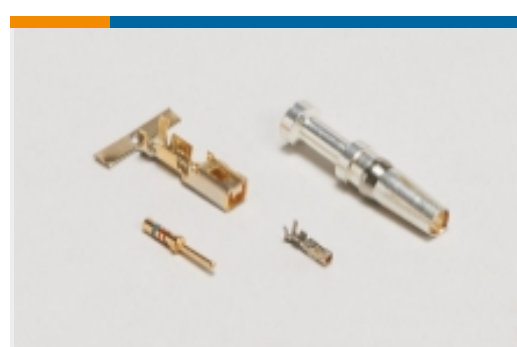
#### Product Compliance Disclaimer

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 3000 Series



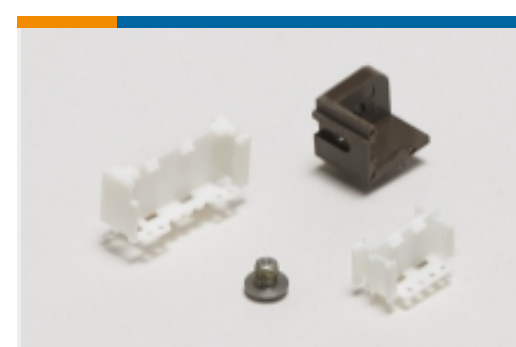
Connector Contacts(3)



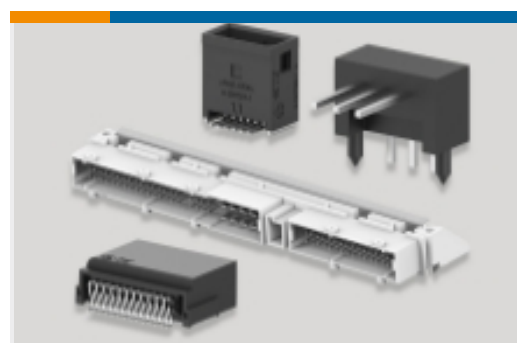
Insertion &amp; Extraction Tools(1)



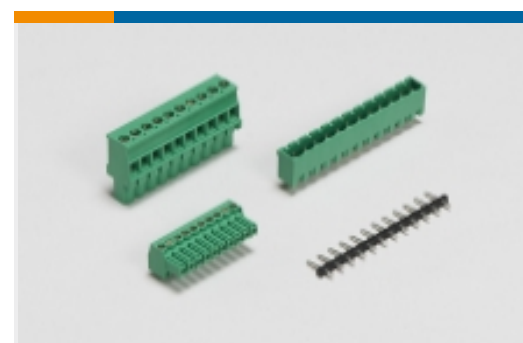
PCB Connector Keying(1)



PCB Connector Mounting(8)



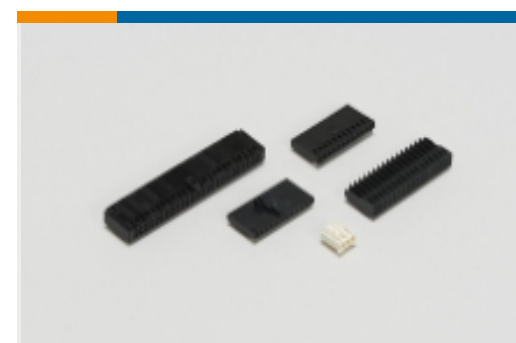
PCB Headers &amp; Receptacles(283)



PCB Terminal Blocks(25)



Standard Rectangular Connectors(2)

Wire-to-Board Connector Assemblies  
& Housings(152)

Wire-to-Board Connector Contacts(91)

## Documents

### Product Drawings

DYNAMIC D3100D TAB HSG PM 20P

English

### CAD Files

3D PDF



English

**Customer View Model**

[ENG\\_CVM\\_178803-8\\_E.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_178803-8\\_E.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_178803-8\\_E.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**

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

Japanese

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

English

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**Product Specifications**

[Product Specification](#)

English

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**Product Environmental Compliance**

[Product Compliance](#)

English

[Product Compliance](#)

English

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**Instruction Sheets**

[Instruction Sheet \(U.S.\)](#)

English

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**Agency Approvals**

[TUV Certificate](#)

English