

178803-8 ✓ ACTIVE

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

TE Internal #: 178803-8

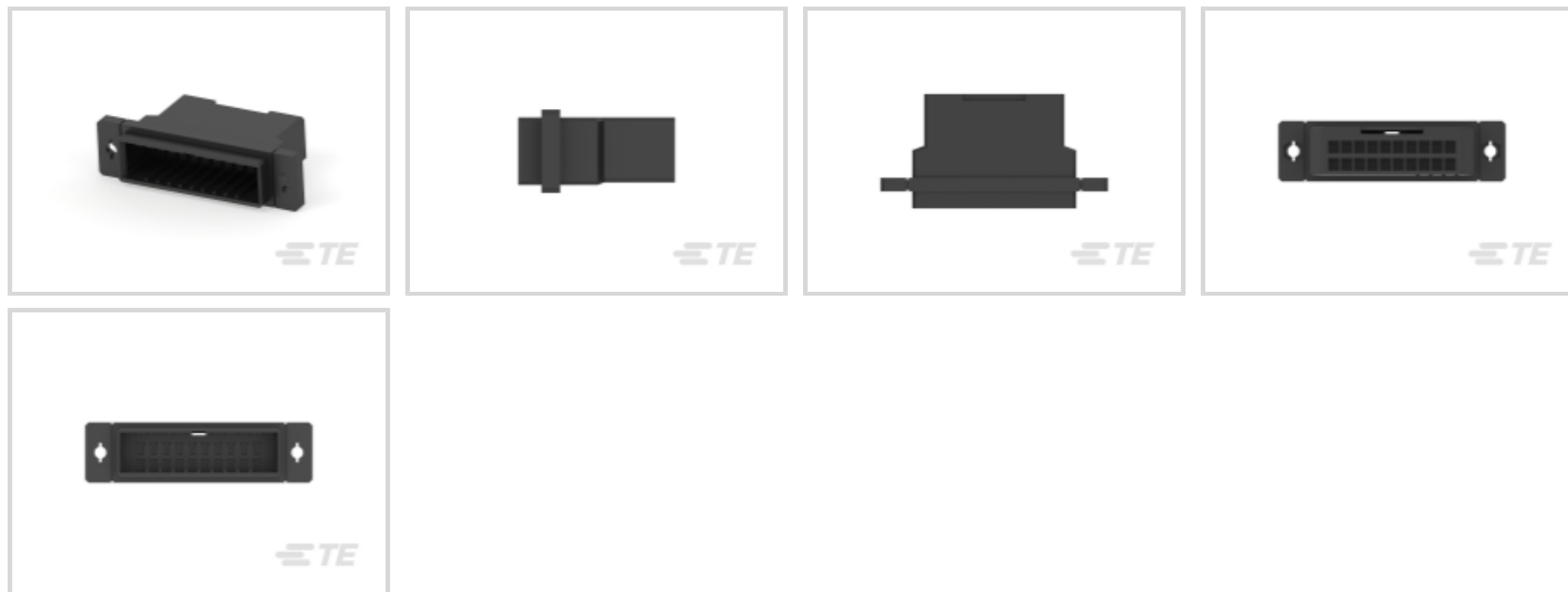
Housing, Housing for Male Terminals, Wire-to-Wire, 20 Position, 3.81 mm [.15 in] Centerline, Crimp, 2 Row, Black, Dynamic 3000 Series

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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

Housing Features

Centerline (Pitch)	3.81 mm [.15 in]
Housing Material	Polyester GF

Termination Features

Termination Method to Wire & Cable	Crimp
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Dimensions

Row-to-Row Spacing	5.08 mm[.2 in]
Connector Height	17.78 mm[.7 in]
Connector Length	67 mm[2.63 in]

Body Features

Primary Product Color	Black
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Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Panel Mount
Strain Relief	Without

Operation/Application

Circuit Application	Power & Signal
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Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Contact Features

Contact Base Material	Copper Alloy
Contact Type	Tab

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag
Packaging Quantity	400

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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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) Candidate List Declared Against: JUNE 2024 (241) 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

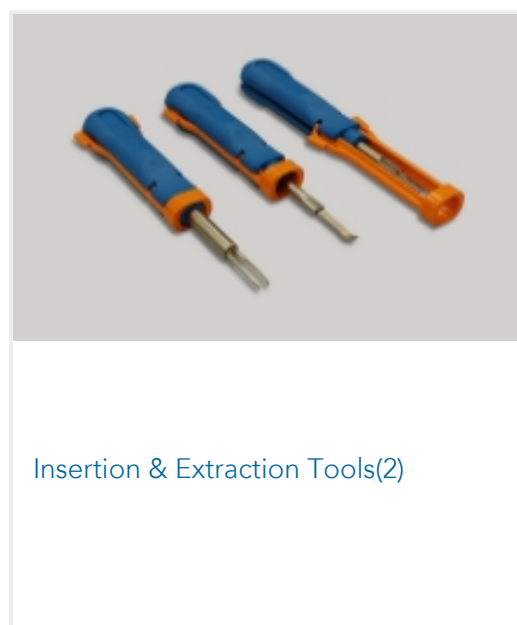
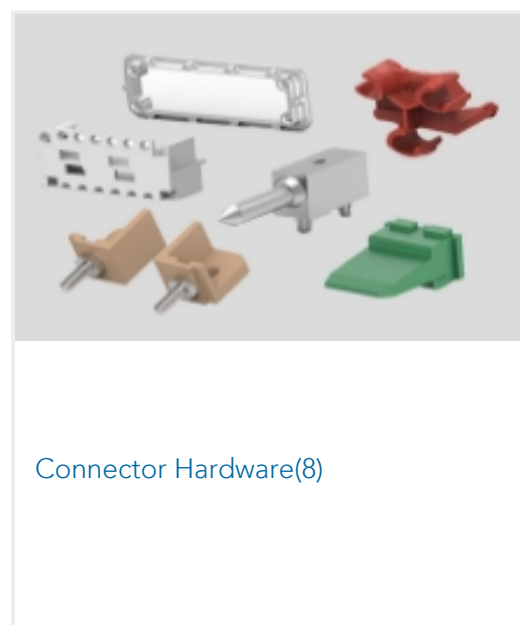
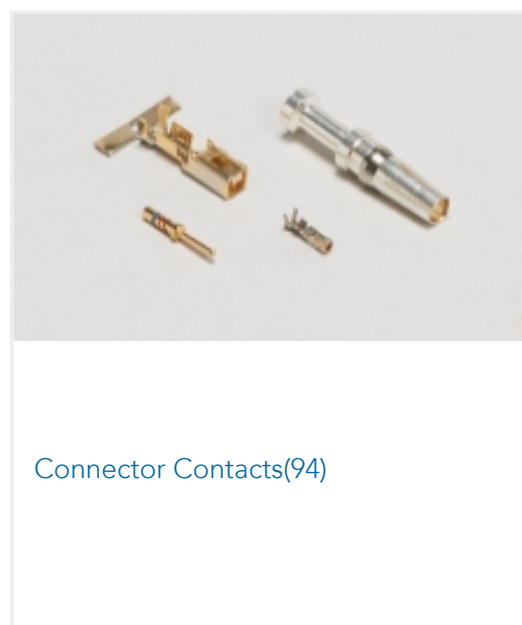
Product Compliance Disclaimer

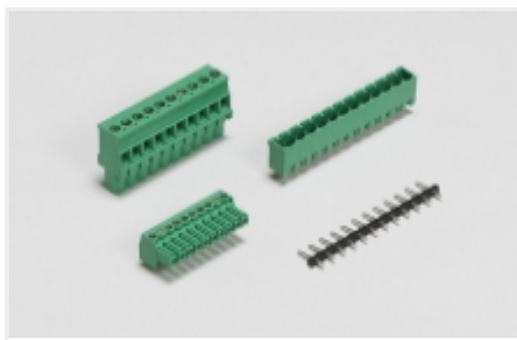
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

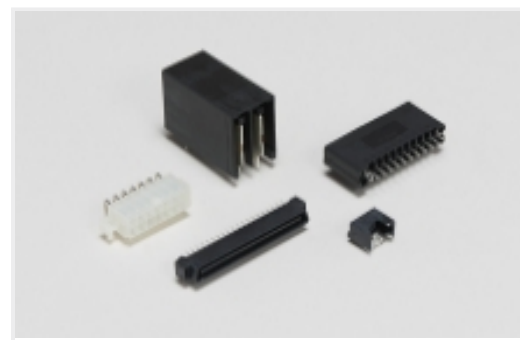


Also in the Series | Dynamic 3000 Series

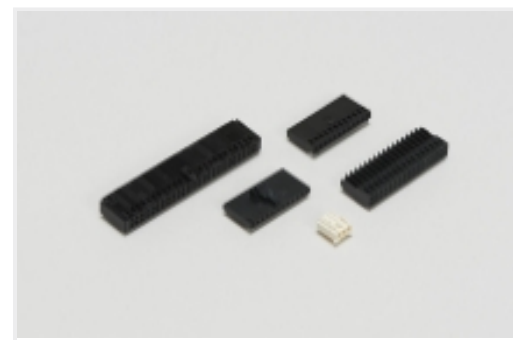




PCB Terminal Blocks(37)



Standard Rectangular Connectors(2)

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

Customers Also Bought

TE Part #178803-6
DYNAMIC 3100 REC AND TAB HSGTE Part #353718-2
DYNAMIC D-3 TAB CONT. 3L AU 0.38
L/P

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.

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

178803-8

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Centerline, Crimp, 2 Row, Black, Dynamic 3000 Series



[Agency Approvals](#)

[TUV Certificate](#)

English