

1-1903131-0 ✓ ACTIVE

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

TE Internal #: 1-1903131-0

Housing, Housing for Male Terminals, Wire-to-Wire, 20 Position, 2.5 mm [.098 in] Centerline, Crimp, 2 Row, Black, Dynamic 1000 Series

[View on TE.com >](#)



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

Receptacle and Tab Housing: 2.5 mm Pitch, 250V



Connector Product Type: **Housing**

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

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

Number of Positions: **20**

Centerline (Pitch): **2.5 mm [.098 in]**

[All Receptacle and Tab Housing: 2.5 mm Pitch, 250V \(59\)](#)

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

Body Features

Primary Product Color	Black
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Contact Features

Contact Type	Tab
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1 A

Termination Features

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Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Retention	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	2.5 mm [.098 in]

Dimensions

Connector Length	37.1 mm [1.46 in]
Connector Height	13.9 mm [.54 in]
Connector Width	21 mm [.82 in]
Row-to-Row Spacing	3.3 mm [.129 in]

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC






Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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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

 <p>TE Part # CAT-D9934-A15 Contact: Component To Wire; 3-5A, 30-18 Wire Size</p>	 <p>TE Part # 1-1827864-0 DYNAMIC 1200D REC HSG 20P X BLACK</p>	 <p>TE Part # 1-2349949-0 D1200D REC HSG 20P X BK, PA9T</p>	 <p>TE Part # 1903113-4 DYNAMIC D1000 TAB CONT AU 0.2 um L REEL</p>
 <p>TE Part # 1903114-4 DYNAMIC D1000 TAB CONT AU 0.2 um 2L REEL</p>	 <p>TE Part # 1903117-4 DYNAMIC D1000 TAB CONT AU 0.38 um L L/P</p>	 <p>TE Part # 1903115-4 DYNAMIC D1000 TAB CONT AU 0.2 um S L/P</p>	 <p>TE Part # 1903116-4 DYNAMIC D1000 TAB CONT AU 0.2 um M L/P</p>
 <p>TE Part # 1903111-4 DYNAMIC D1000 TAB CONT AU 0.2 um S REEL</p>	 <p>TE Part # 1903112-4 DYNAMIC D1000 TAB CONT AU 0.2 um M REEL</p>	 <p>TE Part # 1903118-4 DYNAMIC D1000 TAB CONT AU 0.2 um 2L L/P</p>	

Also in the Series | Dynamic 1000 Series



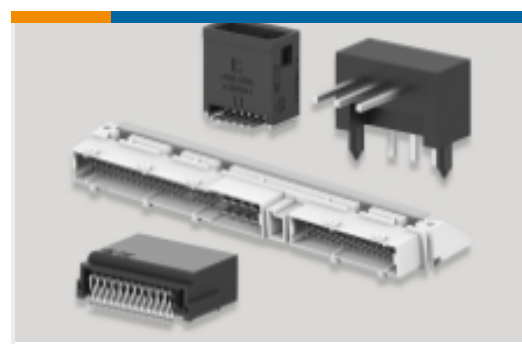
Connector Contacts(40)



Connector Hardware(3)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(173)



Rectangular Connector Housings(2)



Standard Rectangular Connectors(4)



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

Customers Also Bought



TE Part #1-1903128-4
DYNAMIC 1100D TAB HSG 28P P/M



TE Part #1-1827864-0
Receptacle and Tab Housing: 2.5 mm
Pitch, 250V



TE Part #1827587-2
Contact: Component To Wire; 3-5A,
30-18 Wire Size



TE Part #1-1827579-1
DYNAMIC 1500T REC HSG 3P X
BLACK



TE Part #1-2040444-3
DYNAMIC 1500T TAB HSG 9PX F/H

Documents

Product Drawings

[DYNAMIC 1200D TAB HSG 20P P/M](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_1-1903131-0_P.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_1-1903131-0_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1903131-0_P.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773721-5_DYNAMIC_SERIES_QRG](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[TUV Certificate](#)

English