



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



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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # CAT-D9934-A15 Contact: Component To Wire; 3-5A, 30-18 Wire Size	 TE Part # 1-1827864-0 DYNAMIC 1200D REC HSG 20P X BLACK	 TE Part # 1-2349949-0 D1200D REC HSG 20P X BK, PA9T	 TE Part # 1903113-4 DYNAMIC D1000 TAB CONT AU 0.2 um L REEL
 TE Part # 1903114-4 DYNAMIC D1000 TAB CONT AU 0.2 um 2L REEL	 TE Part # 1903115-4 DYNAMIC D1000 TAB CONT AU 0.2 um S L/P	 TE Part # 1903116-4 DYNAMIC D1000 TAB CONT AU 0.2 um M L/P	 TE Part # 1903117-4 DYNAMIC D1000 TAB CONT AU 0.38 um L L/P
 TE Part # 1903118-4 DYNAMIC D1000 TAB CONT AU 0.2 um 2L L/P	 TE Part # 1903112-4 DYNAMIC D1000 TAB CONT AU 0.2 um M REEL	 TE Part # 1903111-4 DYNAMIC D1000 TAB CONT AU 0.2 um S REEL	

Also in the Series | Dynamic 1000 Series





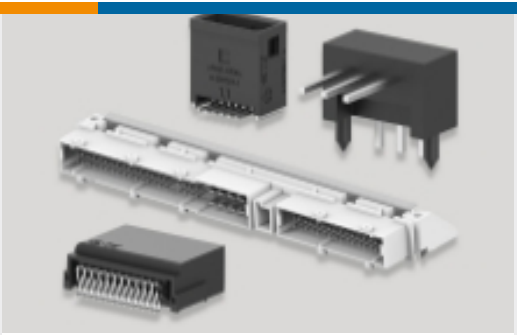
Connector Contacts(40)



Connector Hardware(3)



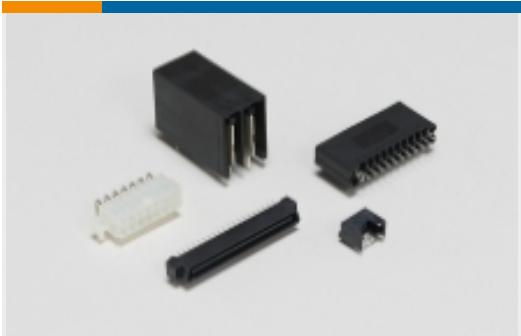
Insertion & Extraction Tools(2)



PCB Headers & Receptacles(172)



Rectangular Connector Housings(2)



Standard Rectangular Connectors(1)



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

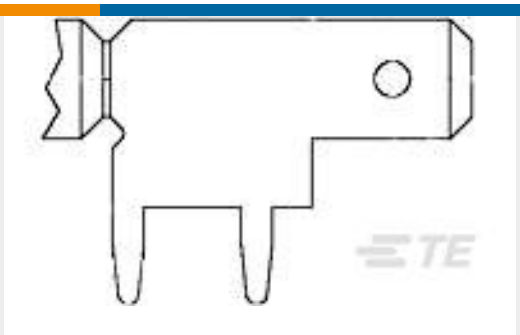
Customers Also Bought



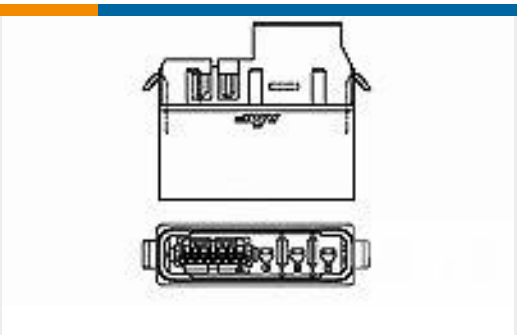
TE Part # 1-1903128-3
DYNAMIC 1100D TAB HSG 26P P/M



TE Part # 1-1827864-2
Receptacle and Tab Housing: 2.5 mm Pitch, 250V



TE Part # 1217156-1
187 FASTON,PCB TAB,TNBR



TE Part # 1-292187-2
PLUG ASS'Y OF HYB SF DRAWER8P



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



TE Part # 6-353293-5
MINI CT MT REC ASSY 15P BLUR

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