

1-1827864-5 ✓ ACTIVE

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

TE Internal #: 1-1827864-5

10 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 2.5 mm [.098 in] Centerline, 2 Row, Wire & Cable, Signal, Dynamic 1000 Series

[View on TE.com >](#)



[Connectors](#) > [Rectangular Connectors](#) > [Standard Rectangular Connectors](#) > [Receptacle and Tab Housing: 2.5 mm Pitch, 250V](#)



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

UL Flammability Rating: **UL 94V-0**

Number of Positions: **10**

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

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

Contact Base Material	Copper Alloy
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Contact Type	Receptacle
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Contact Current Rating (Max)	1 A
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
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Mating Retention	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Connector Width	11.3 mm [.44 in]
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Connector Height	12.45 mm [.49 in]
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Connector Length	15.1 mm [.59 in]
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Row-to-Row Spacing	3.3 mm [.129 in]
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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 Method	Bag
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Packaging Quantity	200
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JAN 2025
(247)
Candidate List Declared Against: JAN 2025
(247)
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 # 1-2040558-5
DYNAMIC 1200D HDR ASSY V 10P X BLACK TIN



TE Part # CAT-D9934-A15F
Header Assembly: Wire-to-Board, 5A, gold or tin plated

Also in the Series | Dynamic 1000 Series



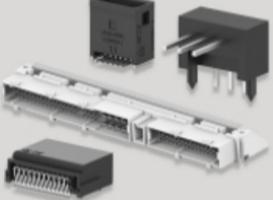
Connector Contacts(40)



Connector Hardware(3)



Insertion & Extraction Tools(2)



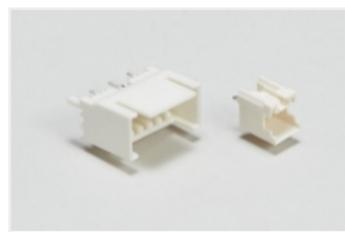
PCB Headers & Receptacles(171)



Power Contacts(9)



Rectangular Power Connectors(130)

Wire-to-Board Headers & Receptacles
(171)

Customers Also Bought

TE Part #CAT-D9934-A83B
DYNAMIC 5000 HDR ASSYTE Part #1-1554809-3
RITS CONN. PLUG ASSY 3P RED
COVERTE Part #1-1827579-1
DYNAMIC 1500T REC HSG 3P X
BLACKTE Part #CAT-D9934-A15B
Receptacle and Tab Housing: 2.5 mm
Pitch, 250VTE Part #2-1827875-6
DYNAMIC 1200D HDR ASSY V 12PY
BLACK GOLDTE Part #1903113-2
DYNAMIC D1000 TAB CONT AU 0.38
um L REELTE Part #1-2040444-1
DYNAMIC 1500T TAB HSG 3PX F/HTE Part #2295044-8
RITS CONN. PLUG ASSY 8P YELLOW
TIN

Documents

Product Drawings

[DYNAMIC 1200D REC HSG 10P X BLACK](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1827864-5_P.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1827864-5_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1827864-5_P.3d_stp.zip](#)

English

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



Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Agency Approvals

UL

English

UL

English