

1-1827863-0 ✓ ACTIVE

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

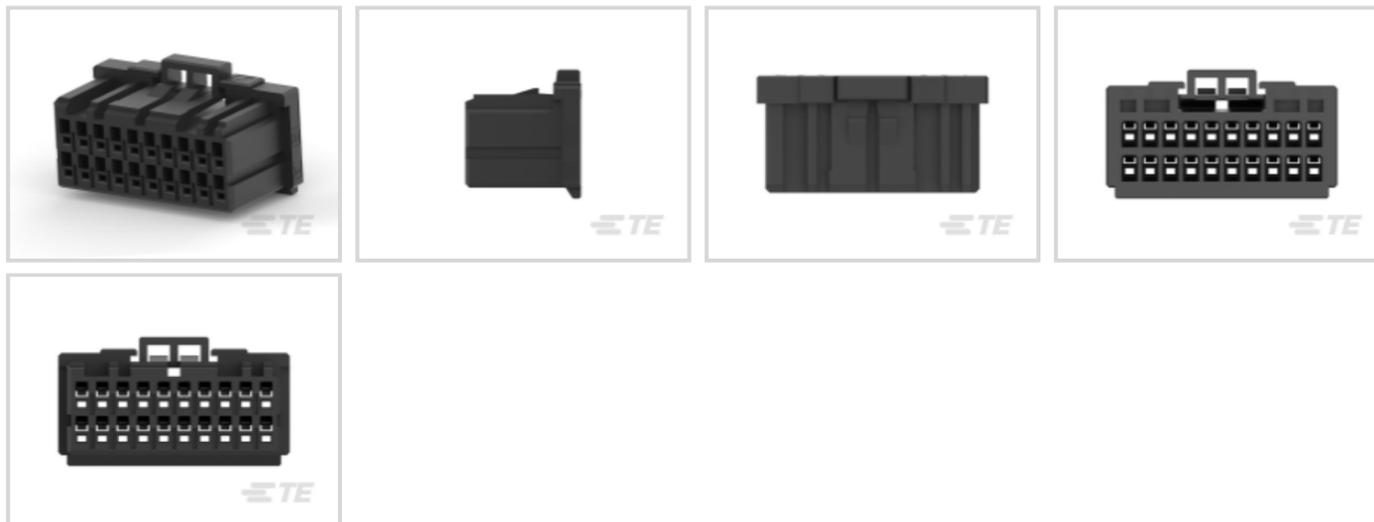
TE Internal #: 1-1827863-0

40 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0,
2 mm [.079 in] Centerline, 2 Row, Wire & Cable, Signal, Dynamic
1000 Series

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors > Receptacle and Tab Housing: 2.0 mm pitch, 125V



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

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

Number of Positions: **40**

[All Receptacle and Tab Housing: 2.0 mm pitch, 125V \(50\)](#)

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	40
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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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 mm [.079 in]
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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	42.6 mm [1.67 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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)
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Candidate List Declared Against: JUNE 2025 (250)
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



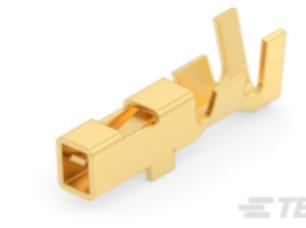
TE Part # CAT-D9934-A15E
Header Assembly: Wire-to-Board, 3A, Gold or Tin Plated



TE Part # 1827569-4
DYNAMIC D1000 REC CONT S AU 0.2 um FORM



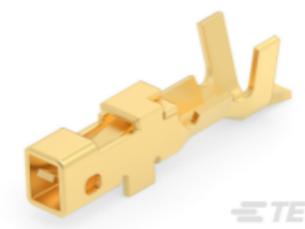
TE Part # 1827570-4
DYNAMIC D1000 REC CONT M AU 0.2 um FORM



TE Part # 1827587-4
DYNAMIC D1000 REC CONT M AU 0.2 um L/P



TE Part # 1-2271888-0
DYNAMIC 1100D HDR ASSY H 40P XBLACK TIN



TE Part # 1827586-4
DYNAMIC D1000 REC CONT S AU 0.2 um L/P



TE Part # CAT-D9934-A15A
Receptacle and Tab Housing: 2.0 mm pitch, 125V



TE Part # 1-2350416-0
DYNAMIC 1100D TAB HSG 40P P/M GF33



TE Part # 1-2372488-0
DYNAMIC D1100D HDR ASSY H 40PX Pre-TIN



TE Part # CAT-D9934-A15
Contact: Component To Wire; 3-5A, 30-18 Wire Size

Also in the Series | Dynamic 1000 Series



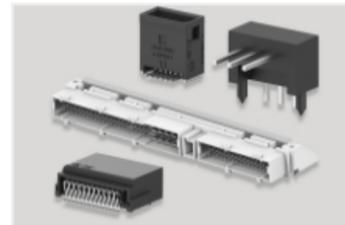
Connector Contacts(40)



Connector Hardware(3)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(171)



Power Contacts(9)



Rectangular Power Connectors(130)

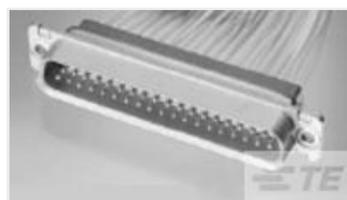


Wire-to-Board Headers & Receptacles (171)

Customers Also Bought



TE Part #1-178128-4
DYNAMIC 3200 REC HSG 4P SGL



TE Part #5-445007-1
PLUG ASSY,25 POSN,AMPLIMITE



TE Part #CAT-D9934-A15B
Receptacle and Tab Housing: 2.5 mm Pitch, 250V



TE Part #1-1903128-0
DYNAMIC 1100D TAB HSG 40P P/M



TE Part #1939588-1
DYNAMIC D-1000 KEYING PLUG



TE Part #1-2040404-2
DYNAMIC 1500T TAB HSG 6PX P/M

Documents

Product Drawings

[DYNAMIC 1100D REC HSG X 40P BL](#)

English

CAD Files

[3D PDF](#)

3D



Customer View Model

[ENG_CVM_CVM_1-1827863-0_P.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1827863-0_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1827863-0_P.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL](#)

English

[UL](#)

English