



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings >
Receptacle and Tab Housing: 2.0 mm pitch, 125V



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **28**

Centerline (Pitch): **2 mm [.079 in]**

[All Receptacle and Tab Housing: 2.0 mm pitch, 125V \(53\)](#)

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	28
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

Contact Type	Receptacle
Contact Base Material	Copper Alloy

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2 mm[.079 in]
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Dimensions

Connector Length	30.6 mm[1.2 in]
Connector Height	12.45 mm[.49 in]
Connector Width	11.3 mm[.44 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.
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 1000 Series



Rectangular Connector Housings(2)

Standard Rectangular Connectors(4)

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

Customers Also Bought

TE Part #2-917809-2
DYNAMIC D-5 TAB HSG D/R 4P Y-Y

TE Part #1-1827876-4
DYNAMIC 1200D HDR ASSY H 8PX
BLACK GOLD

TE Part #1-1827863-1
Receptacle and Tab Housing: 2.0 mm
pitch, 125V

TE Part #9-1827864-3
DYNAMIC 1200D REC HSG 6P X
BLACK

TE Part #1-2176508-8
CJP 300W 15R 5% Lead

TE Part #3-2834497-6
MINI DYNAMIC REC HSG ASSY 36P Y-
KEY BLK

TE Part #2367817-2
DYNAMIC D1000 SL REC CONT M
SIZE Au0.2

Documents

Product Drawings
DYNAMIC 1100D REC HSG X 28P BLACK
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1827863-4_P.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-1827863-4_P.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-1827863-4_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

TUV Certificate

English