



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, Wire-to-Wire**
UL Flammability Rating: **UL 94V-0**
Number of Positions: **20**

[All Receptacle and Tab Housing: 2.5 mm Pitch, 250V \(54\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board, 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 Underplating Material	Nickel
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Contact Base Material	Copper Alloy
Contact Type	Receptacle
Contact Current Rating (Max)	5 A

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)	2.5 mm[.098 in]
Housing Material	Thermoplastic GF

Dimensions

Connector Width	20 mm[.78 in]
Connector Height	14.8 mm[.58 in]
Connector Length	26.4 mm[1.03 in]
Row-to-Row Spacing	3.75 mm[.147 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 Method	Bag
Packaging Quantity	200

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	有害物质含量符合标准要求 No Restricted



	Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) 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-A66
Contact: Component To Wire ; 5A, 28-18 wire size, gold plated

TE Part # CAT-D9934-A66B
DYNAMIC 2000 HDR ASSY

TE Part # 1-2488230-2
DYNAMIC D-2000 REC CONT S

TE Part # 2-2487507-0
DYNAMIC D2100 HDR V ASSY 20P Y TIN PL

TE Part # 2-2487434-0
DYNAMIC D2100 HDR H ASSY 20P X TIN PL

TE Part # 1-2488230-1
DYNAMIC D-2000 REC CONT M

TE Part # 1-2488230-3
DYNAMIC D-2000 REC CONT S1

Also in the Series | [Dynamic 2000 Series](#)



Connector Contacts(10)



Connector Hardware(3)



Insertion & Extraction Tools(2)



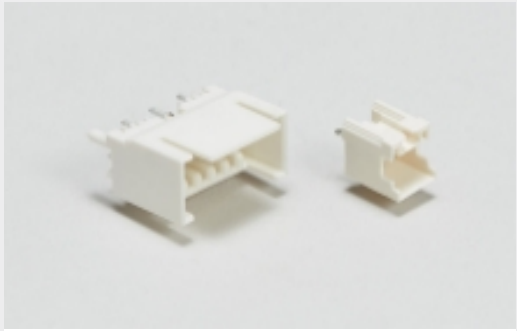
PCB Headers & Receptacles(58)



Power Contacts(10)



Rectangular Power Connectors(62)



Wire-to-Board Headers & Receptacles (58)

Customers Also Bought



TE Part #ER9657-000
TMS-CT-50M-1/2-OUT-2L



TE Part #NB10784001
ATUM-32/8-0-SP



TE Part #175363-2
DYNAMIC D-3500 REC HSG 4P



TE Part #1318110-1
DYNAMIC D-2000 TAB CONT S



TE Part #9-1768016-5
CSL-09333P-9



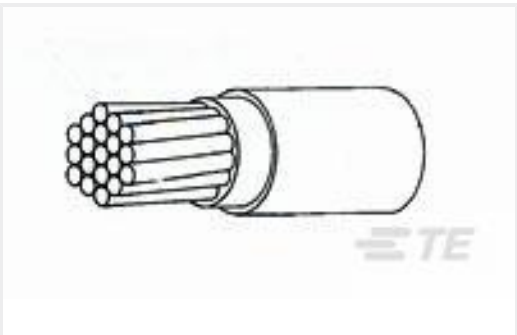
TE Part #CAT-T3437-W919
WP White Polyester Labels



TE Part #2345832-2
REC. KIT (CONT. ADD.) NEW MOTO. PF



TE Part #61-0189-011-P00
CONTACT PIN 1 MM



TE Part #CD60393001
44A0111-22-5CK0300

Documents



Product Drawings

DYNAMIC D2100 REC HSG 20P Y

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1318118-9_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1318118-9_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1318118-9_Y.3d_stp.zip

English

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

Product Specifications

Dynamic Connector D-2000 Series

Japanese

Application Specification

Japanese

Agency Approvals

Agency Approval Document

English