

1-177648-3 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 3000 Series](#)

TE Internal #: 1-177648-3

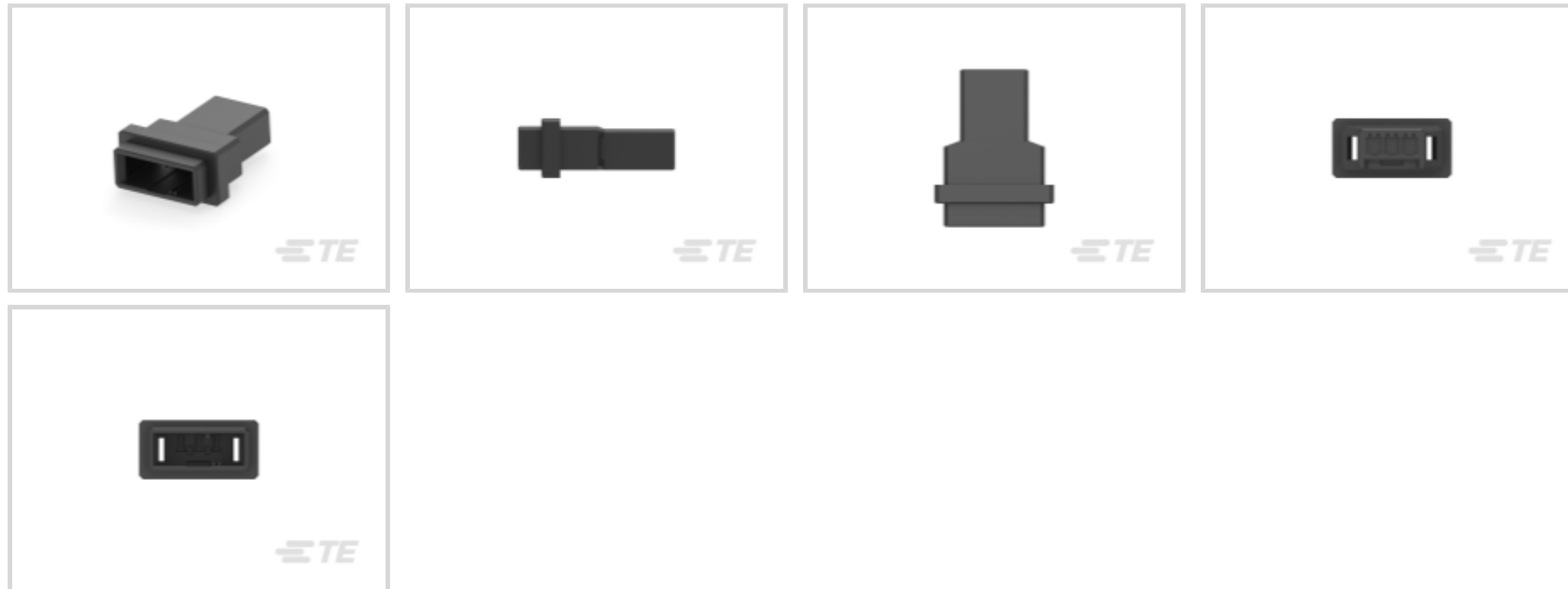
Housing, Housing for Male Terminals, Wire-to-Wire, 3 Position, 3.81 mm [.15 in] Centerline, Crimp, 1 Row, Black, Mating Retention, Dynamic 3000 Series

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[Connectors](#) > [PCB Connectors](#) > [Wire-to-Board Connectors](#) > [Wire-to-Board Connector Assemblies & Housings](#) >

Receptacle and Tab Housing: 3.81 mm pitch, 250V



Connector Product Type: **Housing**

Connector & Housing Type: **Housing for Male Terminals**

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

Number of Positions: **3**

Centerline (Pitch): **3.81 mm [.15 in]**

[All Receptacle and Tab Housing: 3.81 mm pitch, 250V \(45\)](#)

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	3
Number of Rows	1

Body Features

Primary Product Color	Black
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Contact Features

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Contact Type	Tab
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Contact Base Material	Copper Alloy
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	Polyester GF
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Centerline (Pitch)	3.81 mm [.15 in]
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Dimensions

Connector Length	25.57 mm [1 in]
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Connector Height	12.7 mm [.5 in]
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Connector Width	33.6 mm [1.32 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1600
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Packaging Method	Bag
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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	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241)
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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-A75
Contact: Component To Wire; 15A, 28-14 wire size


Also in the Series | Dynamic 3000 Series



Connector Contacts(94)



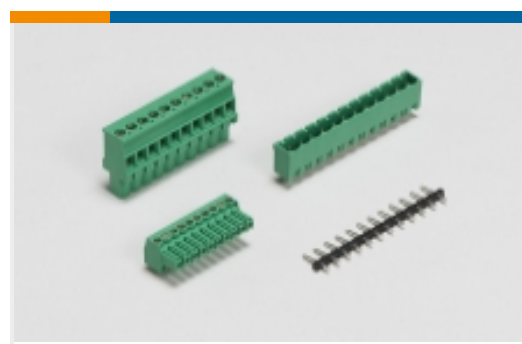
Connector Hardware(8)



Insertion & Extraction Tools(2)



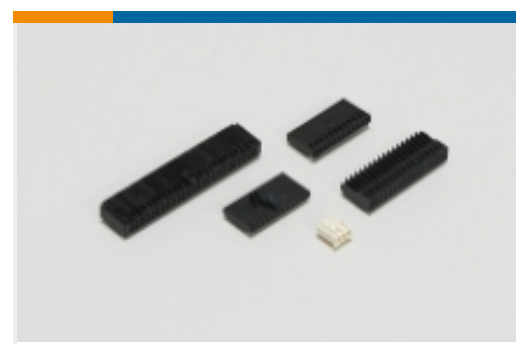
PCB Headers & Receptacles(283)



PCB Terminal Blocks(37)



Standard Rectangular Connectors(2)

Wire-to-Board Connector Assemblies
& Housings(152)

Customers Also Bought

TE Part #178803-8
Receptacle and Tab Housing: 3.81 mm
pitch, 250VTE Part #175286-5
DYNAMIC D-3 TAB CONT. L PRE-TINTE Part #2-917337-3
DYNAMIC D-3 VERTI. HDR ASSY 2PTE Part #6609037-4
3EP7M=F7172 S0

Documents

Product Drawings

[D3100S DYNAMIC W-T-W TAB HSG](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1-177648-3_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-177648-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-177648-3_B.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

[Product Specification](#)

English

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Centerline, Crimp, 1 Row, Black, Mating Retention, Dynamic 3000 Series



[Agency Approvals](#)

[TUV Certificate](#)

English