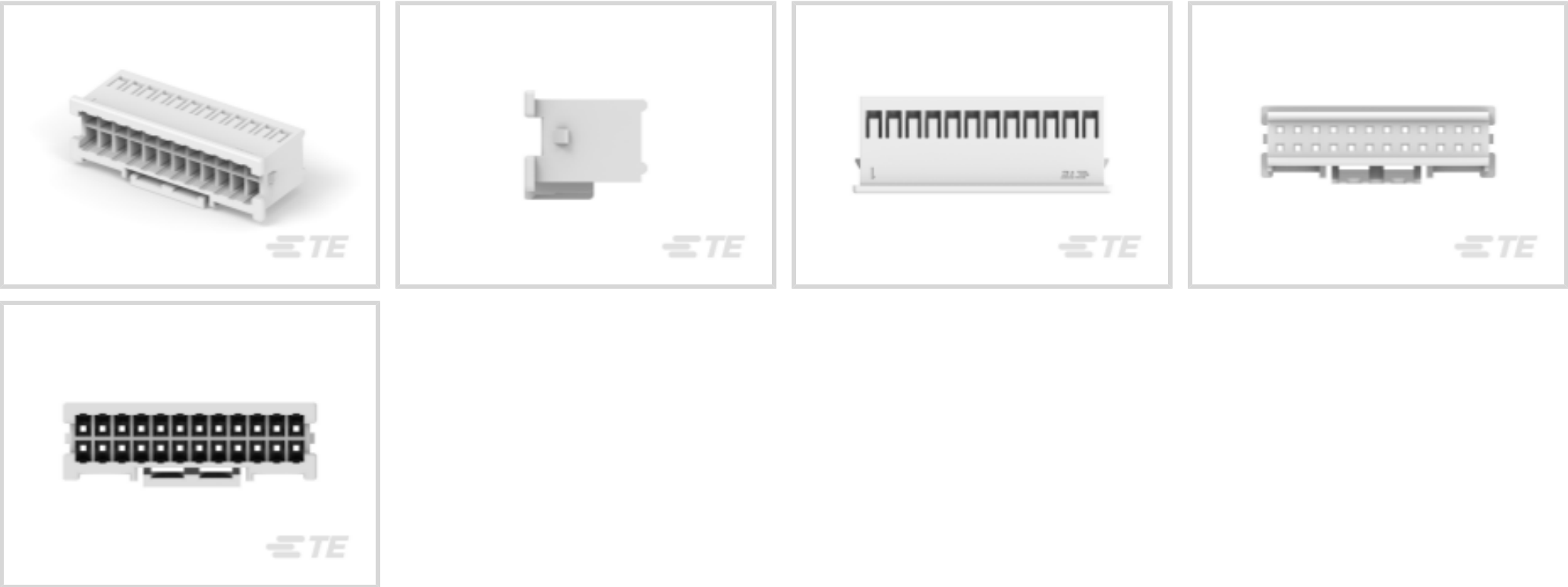




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **24**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Electrical Characteristics

Operating Voltage	250 VAC
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Glow Wire

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Contact Features

Contact Type	Socket
Contact Current Rating (Max)	2.5 A

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without



Mating Retention Type	Latch
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Dimensions

Connector Width	12.32 mm[.485 in]
Compatible Insulation Diameter Range	1.3 – 1.7 mm[.051 – .067 in]
Connector Height	8.3 mm[.326 in]
Wire Size	26 – 22 AWG
Connector Length	31.04 mm[1.222 in]
Row-to-Row Spacing	2.5 mm[.09 in]

Housing Features

Housing Material	Nylon
Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.5 mm[.098 in]

Product Type Features

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

Configuration Features

Number of Positions	24
Number of Rows	2

Body Features

Primary Product Color	Natural
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Termination Features

Termination Method to Wire & Cable	Crimp
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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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 reviewed 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 # 2-2324201-4
HSG,REC,FREE-HANGING,GWT,
DUALROW,EP2.5



TE Part # 3-2323743-6
HOUSING, PLUG, GWT, 36P, DUAL
ROW, EP2.5



TE Part # 3-2323743-8
HOUSING, PLUG, GWT, 38P, DUAL
ROW, EP2.5



TE Part # 3-2323743-2
HOUSING, PLUG, GWT, 32P, DUAL
ROW, EP2.5



TE Part # 2-2323743-6
HOUSING, PLUG, GWT, 26P, DUAL ROW, EP2.5



TE Part # 2-2324579-4
HOUSING, PLUG, 24P, DUAL ROW, EP2.5



TE Part # 2-2324245-4
ASSY,HDR,VERT,GWT,BOSSED,DUAL ROW, EP2.5



TE Part # 2-1969567-4
HOUSING, PLUG, GWT, DUAL ROW, EP2.5



TE Part # 1-2323743-0
HOUSING, PLUG, GWT, 10P, DUAL ROW, EP2.5



TE Part # 4-2323743-0
HOUSING, PLUG, GWT, 40P, DUAL ROW, EP2.5



TE Part # 2-2323743-0
HOUSING, PLUG, GWT, 20P, DUAL ROW, EP2.5



TE Part # 2-2323743-8
HOUSING, 28P PLUG, GWT, DUAL ROW, EP2.5



TE Part # 2-2323743-2
HOUSING, PLUG, GWT, 22P, DUAL ROW, EP2.5



TE Part # 3-2323743-0
HOUSING, PLUG, GWT, 30P, DUAL ROW, EP2.5



TE Part # 1-2323743-6
HOUSING, PLUG, GWT, 16P, DUAL ROW, EP2.5



TE Part # 1-2323743-8
HOUSING, PLUG, GWT, 18P, DUAL ROW, EP2.5



TE Part # 2-2323745-4
HSG,REC,PANEL MOUNT,GWT, DUALROW,EP2.5




TE Part # 3-2323743-4
HOUSING, PLUG, GWT, 34P, DUAL ROW, EP2.5



TE Part # 4-2324579-0
HOUSING, PLUG, 40P, DUAL ROW, EP2.5

Also in the Series | Economy Power 2.5




Connector Contacts(6)



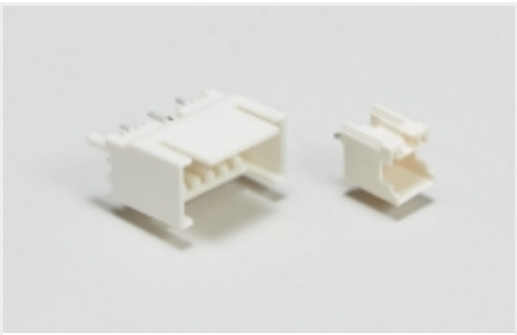
Connector Hardware(49)



PCB Headers & Receptacles(533)

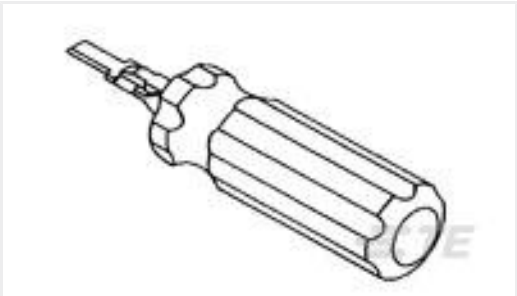


Wire-to-Board Connector Assemblies & Housings(305)



Wire-to-Board Headers & Receptacles (533)

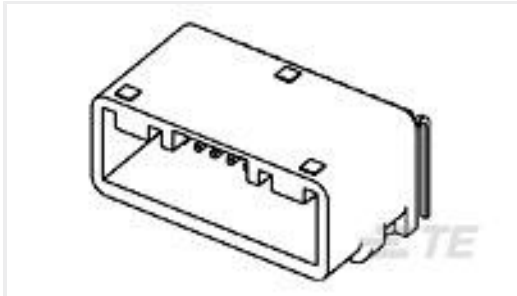
Customers Also Bought



TE Part #1804030-1
EXTRACTION TOOL ASSY



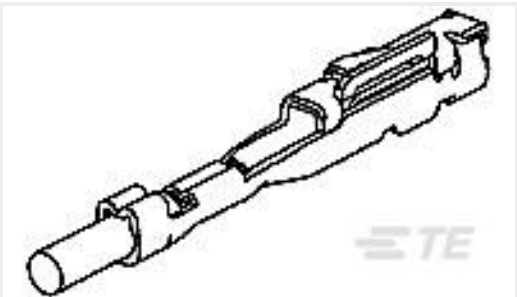
TE Part #3-1676123-8
1/2W SM M/OX 5% 30R



TE Part #1-1318853-3
025 24POS CAP ASSY H SELECTIVE-TIN



TE Part #1718760-1
MCON 1.2 LL TAB SWS SN



TE Part #1123343-1
025 REC CONTACT



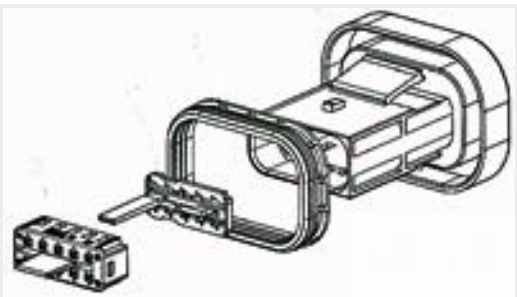
TE Part #2-320571-4
TERMINAL, PIDG R IR 20 1/4



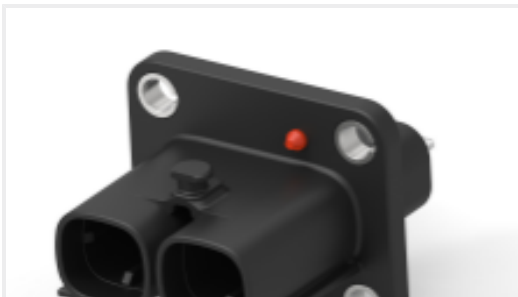
TE Part #NB07316001
HTAT-12/3-0-30MM



TE Part #1803095-1
FLOATING SHEAR, FRONT



TE Part #1801610-2
BULK HEAD, MCON, 10W, CLIPPED



TE Part #2351190-1
2POS, TAB8.0X1.0, HDR ASSY, 180DEG, COD A

Documents

Product Drawings

HOUSING, PLUG, GWT, 24P, DUAL ROW, EP2.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2323743-4_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2-2323743-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2323743-4_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[7-1773461-6_EP2.5_Connector_Series](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English