1-2324582-0 ✔ ACTIVE

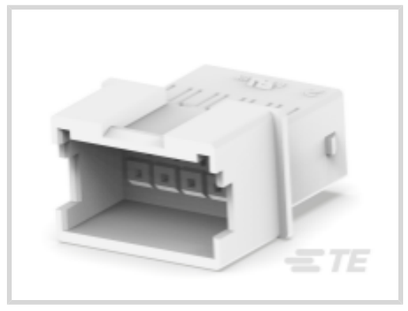
Economy Power 2.5

TE Internal #: 1-2324582-0

Housing, Receptacle, Wire-to-Wire, 10 Position, 2.5 mm [.098 in] Centerline, Crimp, 2 Row, Natural, Mating Retention, Wire & Cable, Economy Power 2.5

View on TE.com >

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







Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **10**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	10
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Type	Pin
Contact Current Rating (Max)	4.2 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Length	15.39 mm[.606 in]
Connector Height	19.97 mm[.786 in]
Connector Width	10.32 mm[.406 in]
Compatible Insulation Diameter Range	1.3 – 1.7 mm[.051 – .067 in]
Wire Size	.13 – .33 mm^2
Row-to-Row Spacing	2.5 mm[.098 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	800
Packaging Method	Bag

Product Compliance

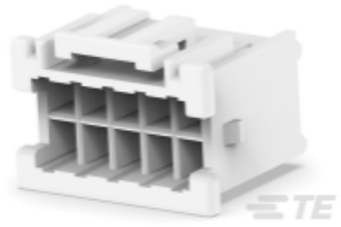
For compliance documentation, visit the product page on TE.com>

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 reviewed for solder process capability

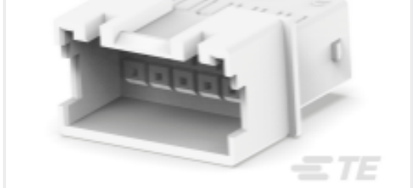
Product Compliance Disclaimer

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

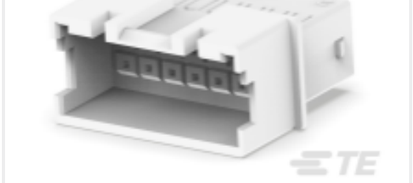
Compatible Parts



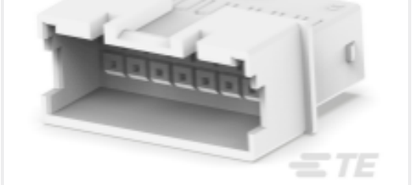
TE Part # 1-2324579-0
HOUSING, PLUG, 10P,DUAL ROW, EP2.5



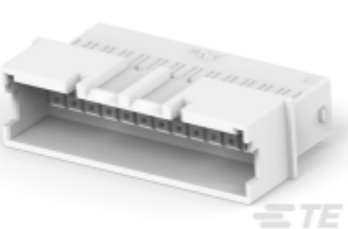
TE Part # 1-2324582-2
HSG,REC,FREE-HANGING,DUALROW, EP2.5



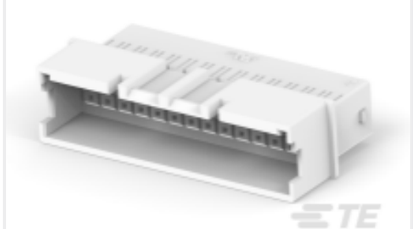
TE Part # 1-2324582-4
HSG,REC,FREE-HANGING,DUALROW, EP2.5



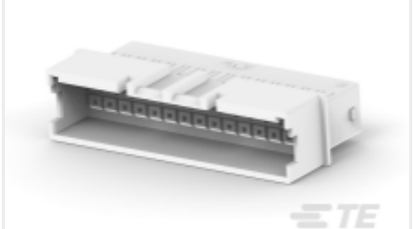
TE Part # 1-2324582-6
HSG,REC,FREE-HANGING,DUALROW, EP2.5



TE Part # 2-2324582-6
HSG,REC,FREE-HANGING,DUALROW, EP2.5



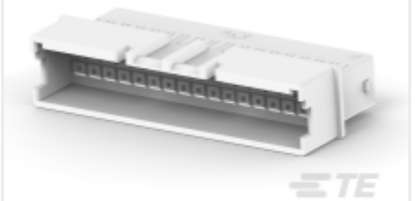
TE Part # 2-2324582-8
HSG,REC,FREE-HANGING,DUALROW, EP2.5



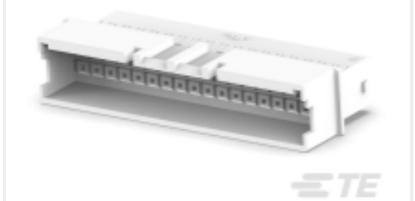
TE Part # 3-2324582-0
HSG,REC,FREE-HANGING,DUALROW, EP2.5



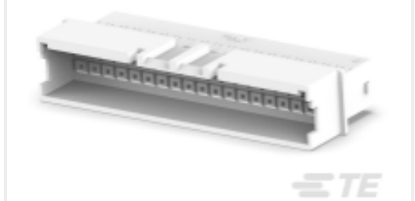
TE Part # 3-2324582-2
HSG,REC,FREE-HANGING,DUALROW, EP2.5



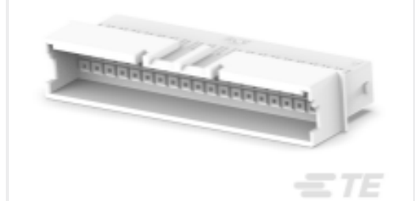
TE Part # 3-2324582-4
HSG,REC,FREE-HANGING,DUALROW, EP2.5



TE Part # 3-2324582-6
HSG,REC,FREE-HANGING,DUALROW, EP2.5



TE Part # 3-2324582-8
HSG,REC,FREE-HANGING,DUALROW, EP2.5



TE Part # 4-2324582-0
HSG,REC,FREE-HANGING,DUALROW, EP2.5



TE Part # 1-1969592-0
HSG,REC,FREE-HANGING,DUALROW, EP2.5

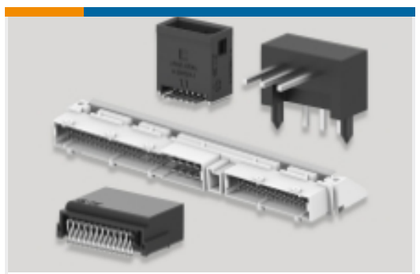
Also in the Series | Economy Power 2.5



Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(494)



Rectangular Power Connectors(43)



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

Customers Also Bought



TE Part #177903-1
POWER DBL LOCK PLUG HSG 9P



TE Part #1-1971875-3
PTL 3X3 CAP PANEL MT STD TEMP KEY A NAT



TE Part #1-1969443-4
EP 2.5 TPA Retainer, 14 Pos



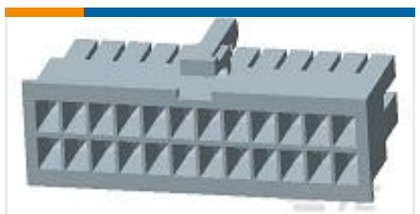
TE Part #2-1744036-6
06P ECONOMY POWER .200 CL HSG



TE Part #1534796-2
AMP DUOPLUG MK2 CONNECTOR 2P



TE Part #63097-2
POSITIVE LOCK 250 REC 18-14 AWG BR



TE Part #1969614-4
4P RCPT VAL-U-LOK V0



TE Part #1-1969612-0
10P FH PLUG VAL-U-LOK V0



TE Part #794741-1
09P UMNL PLUG HSG NATL



TE Part #60650-1
250 FASTON FLAG REC 18-14 AWG BR

Documents

Product Drawings

HSG,REC,FREE-HANGING,DUALROW,EP2.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2324582-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2324582-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2324582-0_A.3d_stp.zip

English

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Datasheets & Catalog Pages

7-1773461-6_EP2.5_Connector_Series

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

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1-794222-0 U5254-000005-030PA 3631B101LL CRGCQ2010J3K3 SBCHE154R7K 141991-2 2380312-2
650075-000 RH73H2A40MKTN ROX05SJ18R 1969656-1 2377783-2 SBCHE64R7K 1393431-1 1743455-2
3-1393225-0 3430B2F51RTDF 917696-1 CPF0402B37K4E1 MPT100C18RF 2834055-1