1969591-5 ✓ ACTIVE

Economy Power 2.5

TE Internal #: 1969591-5

Economy Power 2.5, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 5 Position, 2.5mm [.098in] Centerline, Crimp, 1 Row, Natural Housing Color

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-Panel, Wire-to-Wire**

Number of Positions: **5**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Type	Pin
Contact Current Rating (Max)	7.5 A

1969591-5

Economy Power 2.5, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 5 Position, 2.5mm [.098in] Centerline, Crimp, 1 Row, Natural Housing Color

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	With
PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Connector Length	15 mm[.591 in]
Connector Height	6.6 mm[.26 in]
Connector Width	18.17 mm[.715 in]
Accepts Wire Insulation Diameter Range	1.3 – 1.7 mm[.051 – .067 in]
Wire Size	.13 – .33 mm²

Usage Conditions

Operating Temperature Range	-25 – 105 °C[-13 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Quantity	10000
Packaging Method	Bag

Other

Comment	Panel Mount

1969591-5

Economy Power 2.5, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 5 Position, 2.5mm [.098in] Centerline, Crimp, 1 Row, Natural Housing Color

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	Not Yet Reviewed
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: JAN 2021 (211) Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2238008-1
TERMINAL, PIN, LANCELESS, 20-24 AWG, EP2

TE Part # 1969591-4
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5

TE Part # 1969591-6
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5

TE Part # 1-1969591-2
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5

1969591-5

Economy Power 2.5, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 5 Position, 2.5mm [.098in] Centerline, Crimp, 1 Row, Natural Housing Color

TE Part # 1969591-3
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5

TE Part # 1969591-9
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5

Also in the Series | Economy Power 2.5

Insertion & Extraction Tools(1)

PCB Latches, Locks & Retainers(49)

Rectangular Power Connectors(43)

Wire-to-Board Connector Assemblies & Housings(216)

Wire-to-Board Connector Contacts(6)

Wire-to-Board Headers & Receptacles (209)

Customers Also Bought

TE Part #1-1734829-1
AMP HPI 1.25MM HEADERS
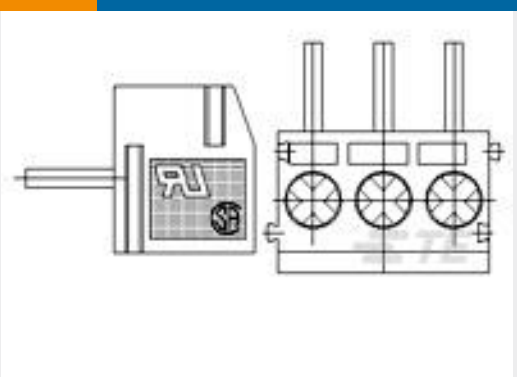
TE Part #226781-3
ARINC SIZE 15 SOCKET

TE Part #3-1445084-0
micro mnl hdr assy s/row au lf

TE Part #1-1744418-6
16 POS EP 2.5 HDR, GLOW WIRE
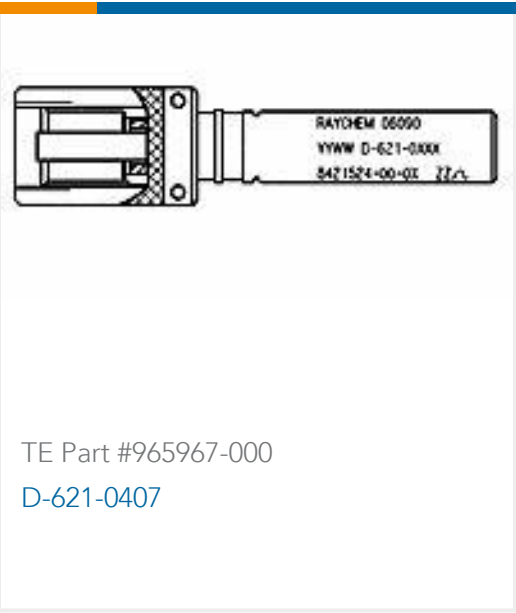
TE Part #103949-4
4X5 MTE SHRD PIN SR LATCH .100

TE Part #1776253-8
R/A Top Wire Entry, 3.5mm, HT,

TE Part #1969591-9
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5

TE Part #2007815-3
IMP100S,H,V4P10C,RG,LEW39,5.5

1969591-5

Economy Power 2.5, Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 5 Position, 2.5mm [.098in] Centerline, Crimp, 1 Row, Natural Housing Color

TE Part #3-641523-4
04P MTA156 POST CON ASSY LF

TE Part #965967-000
D-621-0407

Documents

Product Drawings

HSG,REC,PANEL MOUNT,GWT,SINGLE ROW,EP2.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969591-5_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969591-5_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969591-5_B.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 (U.S.)

English

Agency Approvals

VDE Certificate

English