

1981973-1 ACTIVE

GRACE INERTIA 2.5

TE Internal #: 1981973-1

Rectangular Connector Housings, Wire-to-Wire, 12 Position, .098 in [2.5 mm] Centerline, 2 Row, PBT GF, Receptacle, Tab, GRACE INERTIA 2.5

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Housings > STD Temp Sig GRACE INERTIA Cap



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

Number of Positions: **12**

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

Number of Rows: **2**

Housing Material: **PBT GF**

[All STD Temp Sig GRACE INERTIA Cap \(20\)](#)

Features

Product Type Features

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

Configuration Features

Number of Cavities	12
Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Matrix
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Contact Type

Tab

Mechanical Attachment

Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Housing Color

Natural

Centerline (Pitch)

2.5 mm[.098 in]

Housing Material

PBT GF

Dimensions

Connector Height

18.8 mm[.74 in]

Product Width

14.4 mm[.567 in]

Product Length

18.7 mm[.736 in]

Row-to-Row Spacing

7.6 mm[.3 in]

Usage Conditions

Operating Temperature Range

-30 - 105 °C[-22 - 221 °F]

Operation/Application

Halogen Free

No

Circuit Application

Signal

Identification Marking

Circuit Identification Feature

Without

Industry Standards

Glow Wire Rating

Standard Part - Not Glow Wire

Compatible With Agency/Standards Products

UL

Compatible With Approved Standards Products

UL E28476

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

400

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

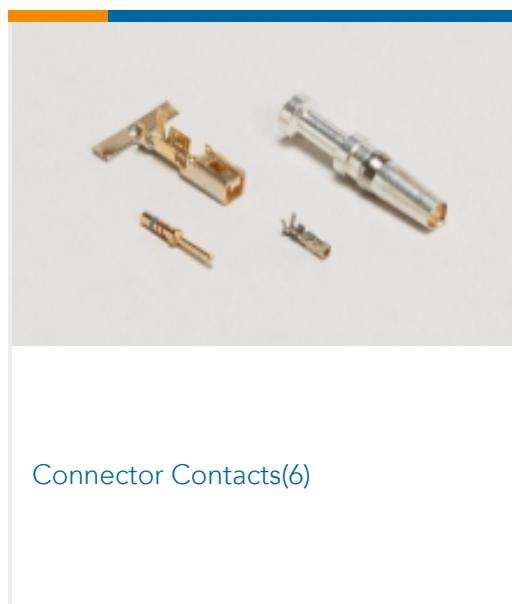


TE Part # CAT-G7534A-C1701
STD Temp Sig GRACE INERTIA Cap



TE Part # 1981972-1
GIC2.5W PLUG HOUSING 12POS (2-ROW) NAT

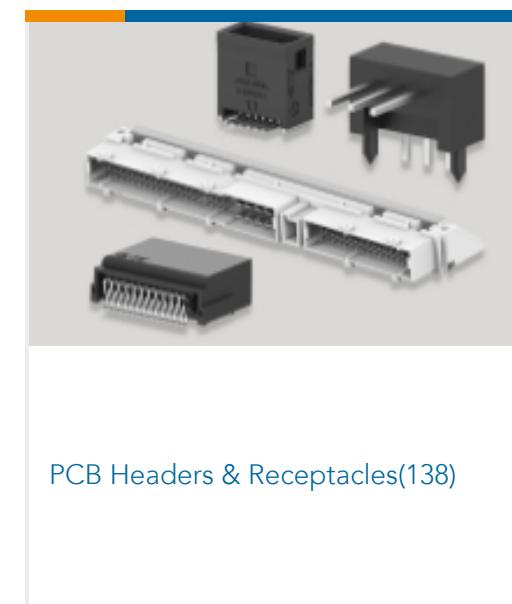
Also in the Series | GRACE INERTIA 2.5



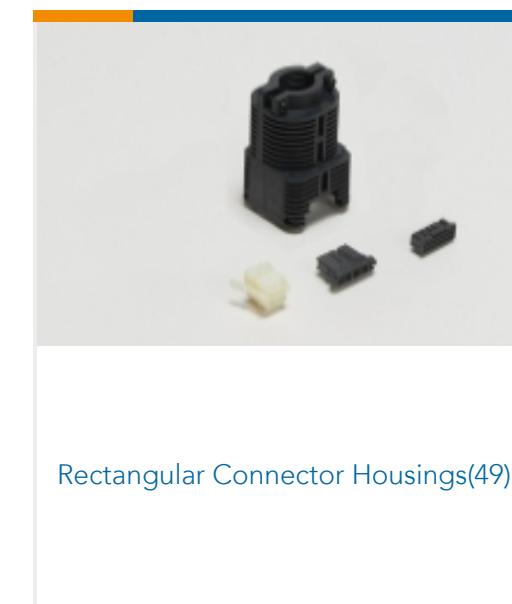
Connector Contacts(6)



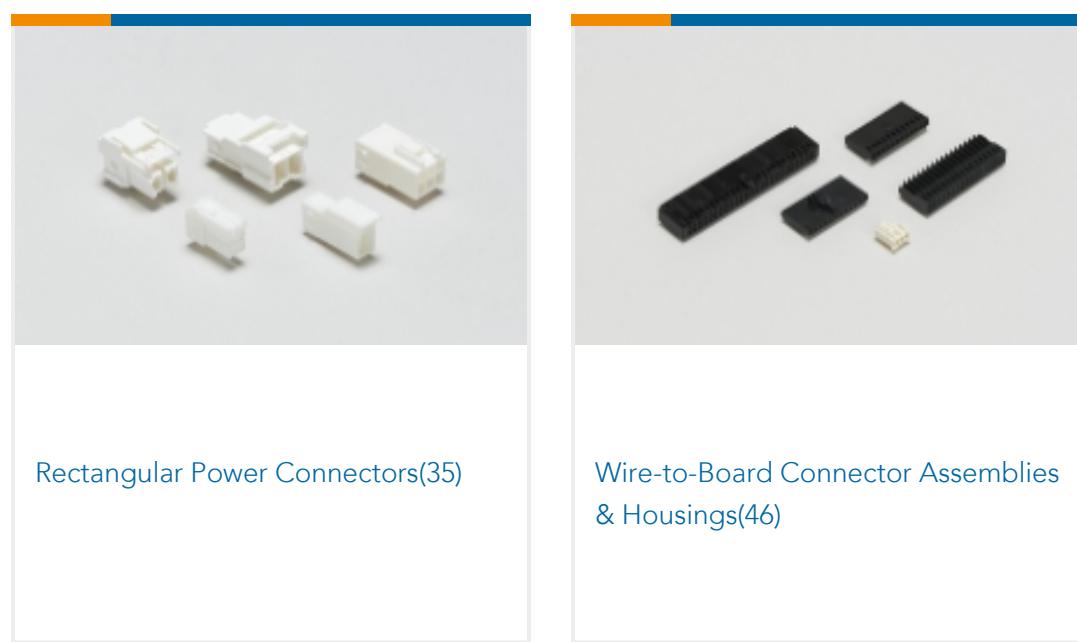
Connector Hardware(7)



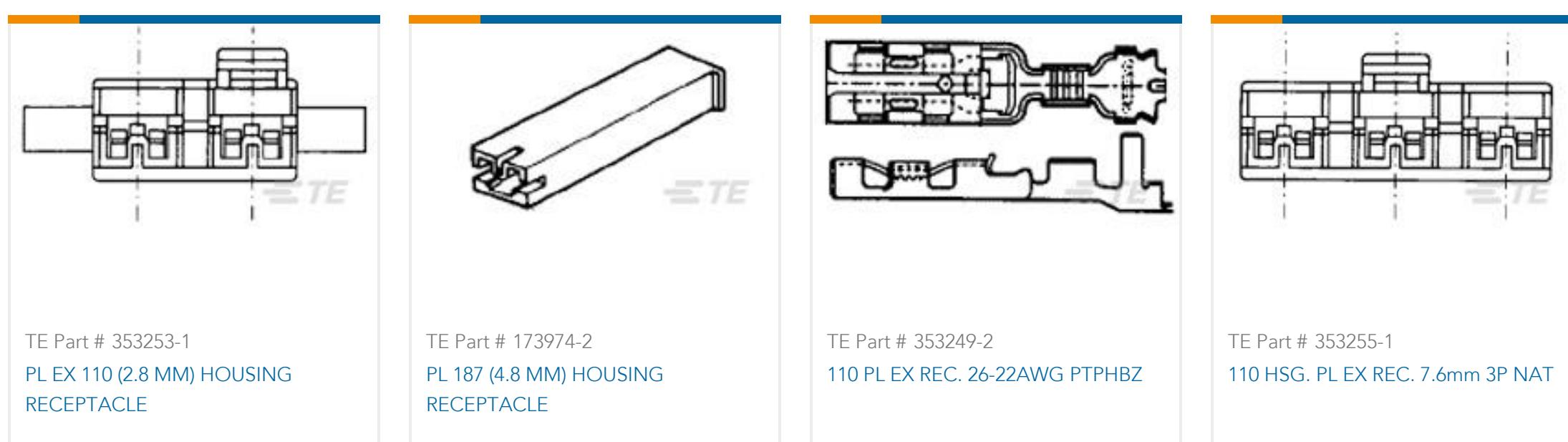
PCB Headers & Receptacles(138)



Rectangular Connector Housings(49)



Customers Also Bought



Documents

Product Drawings

[GIC2.5W CAP HOUSING 12POS \(2-ROW\) NAT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1981973-1_F_c-1981973-1-f.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1981973-1_F_c-1981973-1-f.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1981973-1_F_c-1981973-1-f.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