

GRACE INERTIA 2.5 TE Internal #: 1-1903390-2 Rectangular Connector Housings, Wire-to-Wire, 4 Position, .098 in [2.5 mm] Centerline, 1 Row, PBT GF, Plug, Socket, Wire & Cable, GRACE INERTIA 2.5

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Connector System: Wire-to-Wire Number of Positions: **4**

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

Number of Rows: 1

Housing Material: **PBT GF**

All STD Temp Sig GRACE INERTIA Plug (63)



Features

Product Type Features

| Connector System | Wire-to-Wire | | | | |
|-----------------------------------|--------------|--|--|--|--|
| Connector & Housing Type | Plug | | | | |
| Sealable | No | | | | |
| Connector & Contact Terminates To | Wire & Cable | | | | |
| Configuration Features | | | | | |
| Number of Cavities | 4 | | | | |
| Number of Positions | 4 | | | | |
| Number of Rows | 1 | | | | |
| Electrical Characteristics | | | | | |
| Operating Voltage | 250 VAC | | | | |
| Contact Features | | | | | |
| Contact Layout | Inline | | | | |

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| Contact Type | Socket |
|--------------------------------|----------------------------|
| Mechanical Attachment | |
| Connector Mounting Type | Cable Mount (Free-Hanging) |
| Housing Features | |
| Housing Color | Red |
| Centerline (Pitch) | 2.5 mm[.098 in] |
| Housing Material | PBT GF |
| Dimensions | |
| Connector Height | 11 mm[.433 in] |
| Product Width | 9.6 mm[.378 in] |
| Product Length | 13.7 mm[.539 in] |
| Usage Conditions | |
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |
| Operation/Application | |
| Circuit Application | Signal |
| Identification Marking | |
| Circuit Identification Feature | Without |

Industry Standards

| Glow Wire Rating | Standard Part - Not Glow Wire | | | |
|---|---|--|--|--|
| Packaging Features | | | | |
| Packaging Quantity | 1000 | | | |
| 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 No Restricted Materials Above Threshold | | | |
| China RoHS 2 Directive MIIT Order No 32, 2016 | | | | |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC | | | |
| | | | | |

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Halogen Content Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not applicable for solder process capability

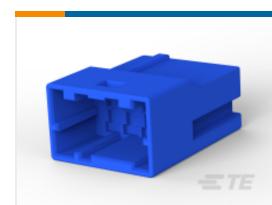
Product Compliance Disclaimer

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-P729 STD Temp Sig GRACE INERTIA Plug



TE Part # 2-1903393-3 GIC 2.5 W CAP HSG 4P BLUE



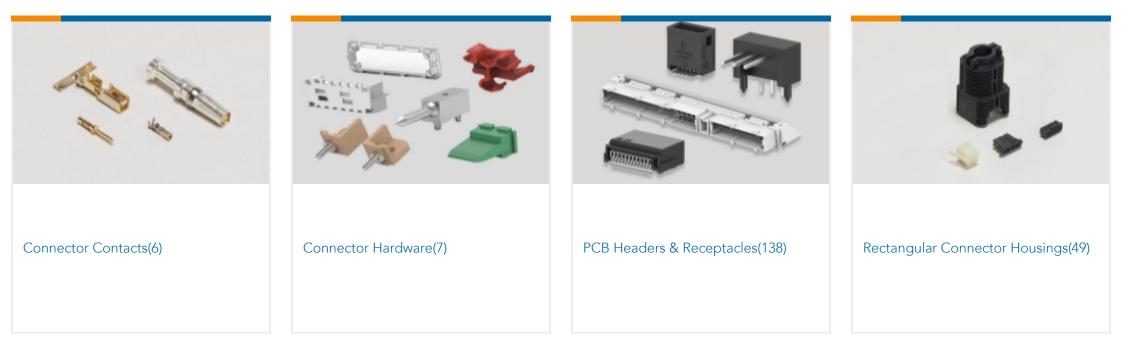
TE Part # 1-1903393-2 GIC 2.5 W CAP HSG 4P RED



TE Part # 1903393-1 GIC 2.5 W CAP HSG 4P NATURAL

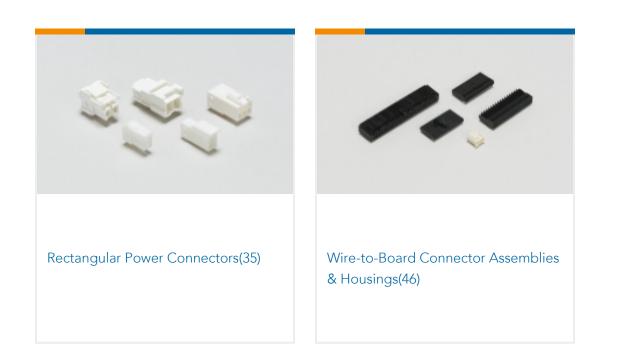


Also in the Series | GRACE INERTIA 2.5



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Customers Also Bought



| 5P MONOPLUG 2.5 | 2.5MM PITCH SIGNAL MATE CONN | NEW GI CONN2.5 PLUG HSG 2P NC | 3P POTTED RAST 2.5 HEADER |
|--|---|-------------------------------|---------------------------|
| STER TE | | | |
| TE Part #2331088-1 250 PL MII HSG.,REC.,13MM 2P, NATURAL | TE Part #2365219-1 250 FASTON,TAB,TPBR | | |

Documents

Product Drawings GIC 2.5 W PLUG HSG 4P RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1903390-2_F_c-1-1903390-2-f.2d_dxf.zip

Rectangular Connector Housings, Wire-to-Wire, 4 Position, .098 in [2.5 mm] Centerline, 1 Row, PBT GF, Plug, Socket, Wire & Cable, GRACE INERTIA 2.5



English

Customer View Model ENG_CVM_CVM_1-1903390-2_F_c-1-1903390-2-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1903390-2_F_c-1-1903390-2-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