



Connectors > Rectangular Connectors > Standard Rectangular Connectors > STD Temp Sig GRACE INERTIA Cap



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

UL Flammability Rating: **UL 94V-0**

Number of Positions: **6**

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

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	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features



Contact Layout	Matrix
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Contact Type	Tab
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	PBT GF
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Centerline (Pitch)	2.5 mm[.098 in]
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Dimensions

Connector Width	14.4 mm[.567 in]
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Row-to-Row Spacing	7.6 mm[.3 in]
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Connector Height	18.85 mm[.742 in]
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Connector Length	11.15 mm[.439 in]
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Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Halogen Free	No
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Circuit Application	Signal
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Identification Marking

Circuit Identification Feature	Without
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Industry Standards

Compatible With Agency/Standards Products	UL
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Compatible With Approved Standards Products	UL E28476
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Glow Wire Rating	Standard Part - Not Glow Wire
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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag
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Packaging Quantity	750
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

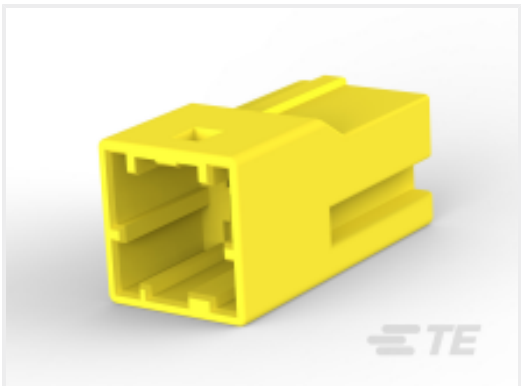
Product Compliance Disclaimer

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-P729
STD Temp Sig GRACE INERTIA Plug



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

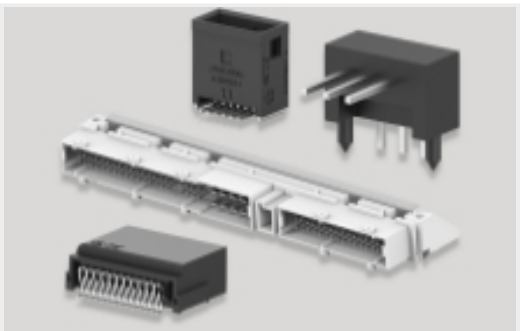
Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



PCB Headers & Receptacles(173)



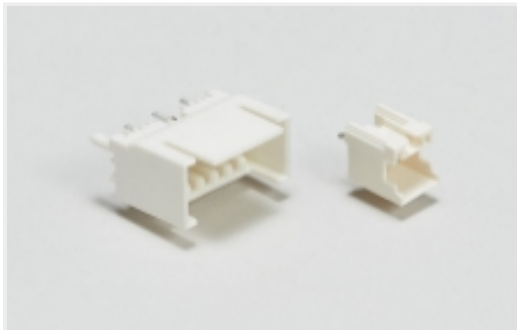
Power Contacts(2)



Rectangular Power Connectors(11)



Wire-to-Board Connector Assemblies & Housings(36)



Wire-to-Board Headers & Receptacles (173)

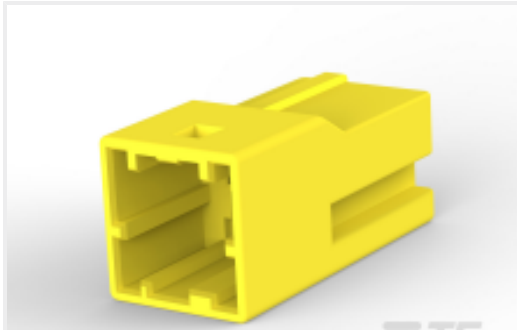
Customers Also Bought



TE Part #316502-6
POWER D/LOCK CAP HSG 4P BLUE



TE Part #1-2357089-2
GRACE INERTIA 3.5W PLUG 8P RED



TE Part #3-1903391-4
GIC 2.5 W CAP HSG 2P YELLOW



TE Part #CAT-G7534-P729A
Glow Wire GRACE INERTIA Plug



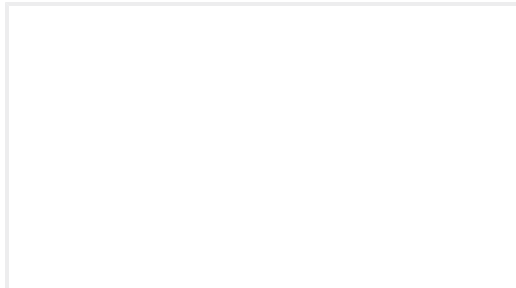
TE Part #3-2232501-1
NEW GI CONN2.5 HDR ASMBLY 3P NC D1.25



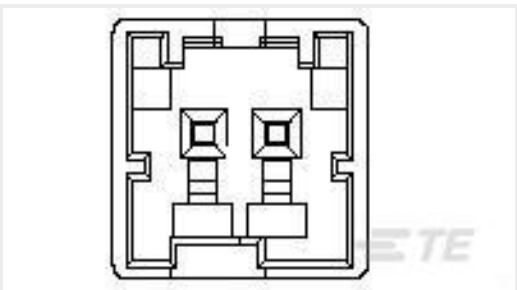
TE Part #2-1123824-1
EP 1P HDR YELLOW



TE Part #917745-4
AMP POWER D/L TAB HDR ASY 2P V



TE Part #2357090-1
GRACE INERTIA 3.5W CAP 8P NAT



TE Part #1903391-1
GIC 2.5 W CAP HSG 2P NATURAL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2134904-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2134904-1_C.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_2134904-1_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English