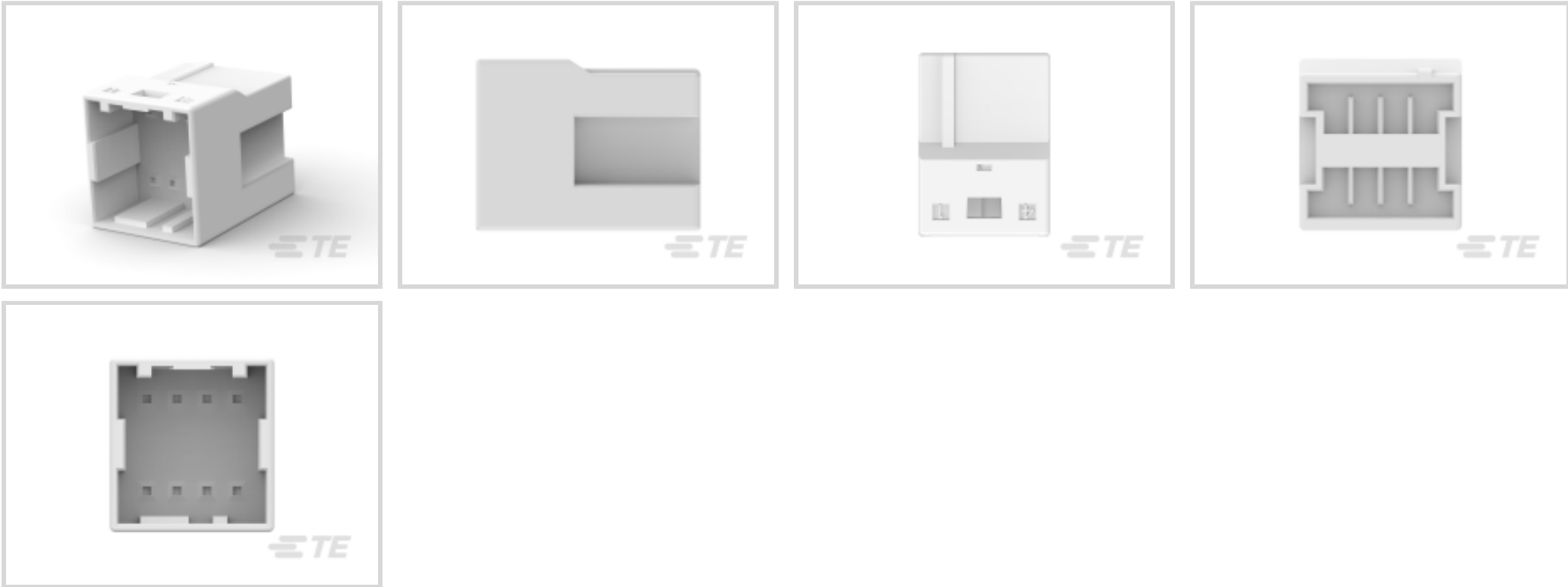




Connectors > Rectangular Connectors > Standard Rectangular Connectors > STD Temp Sig GRACE INERTIA Cap



Connector Product Type: **Housing**
Connector & Housing Type: **Cap**
Connector System: **Wire-to-Wire**
UL Flammability Rating: **UL 94V-0**
Number of Positions: **8**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	8
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
Contact Type	Tab

Mechanical Attachment

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

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

Dimensions

Connector Width	14.4 mm[.567 in]
Connector Height	18.8 mm[.74 in]
Connector Length	13.7 mm[.539 in]
Row-to-Row Spacing	7.6 mm[.3 in]

Usage Conditions

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

Halogen Free	No
Circuit Application	Signal

Identification Marking

Circuit Identification Feature	Without
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Industry Standards

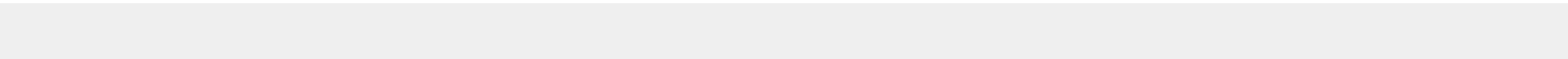
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag
Packaging Quantity	500

Product Compliance

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



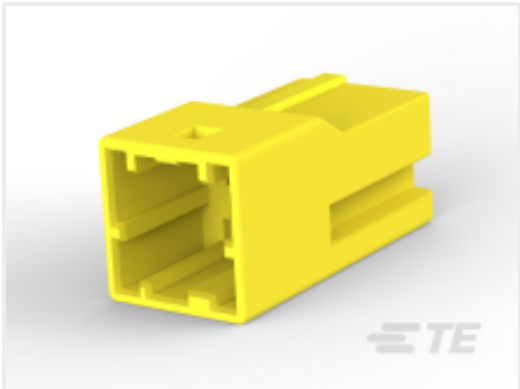


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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 # 1981970-1
GIC2.5W PLUG HOUSING 8POS (2-ROW) NAT

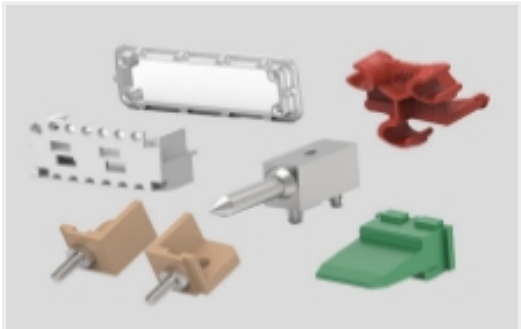


TE Part # CAT-G7534A-P729
STD Temp Sig GRACE INERTIA Plug

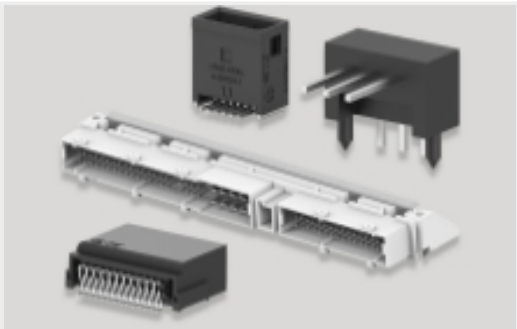
Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



PCB Headers & Receptacles(173)



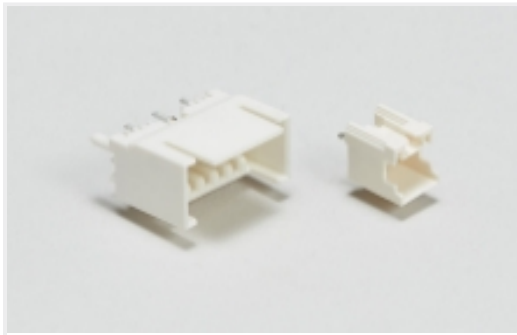
Power Contacts(2)



Rectangular Power Connectors(44)



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



Wire-to-Board Headers & Receptacles (173)

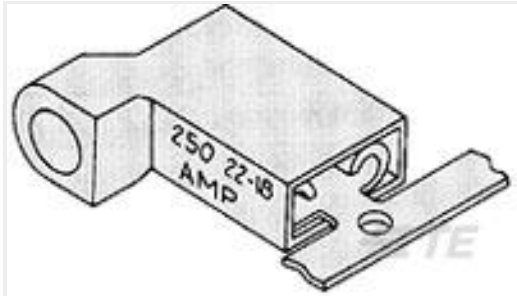
Customers Also Bought



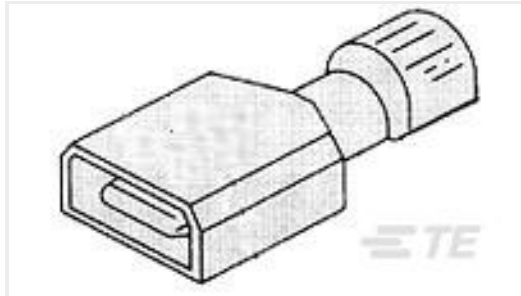
TE Part #CAT-T3437-ST2999
STD Snap-On Markers



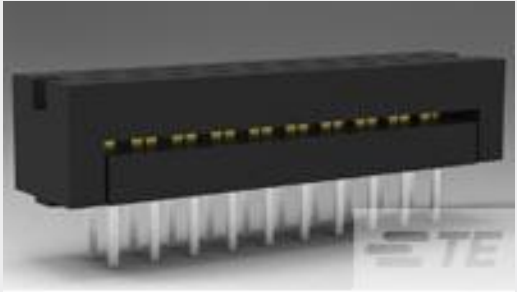
TE Part #440129-2
2.0MM,HSG,2POS



TE Part #3-520133-2
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



TE Part #4-521098-2
ULTRA-FAST 250 ASSEMBLY 12-10 AWG TPBR



TE Part #2-746610-2
014 DIP PLUG 100CL TIN



TE Part #917765-1
2.5 SIGNAL D/LOCK TAB CONT. M



TE Part #1744201-1
EP-II CONTACT LANCELESS, 20-16



TE Part #2132781-6
06P EP-II HOUSING, NATURAL



TE Part #1-2132781-0
10P EP-II HOUSING, NATURAL

Documents

Product Drawings

GIC2.5W CAPHOUSING 8POS (2-ROW) NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1981971-1_E_c-1981971-1-e.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1981971-1_E_c-1981971-1-e.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1981971-1_E_c-1981971-1-e.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

Agency Approvals

[UL Report](#)

English