



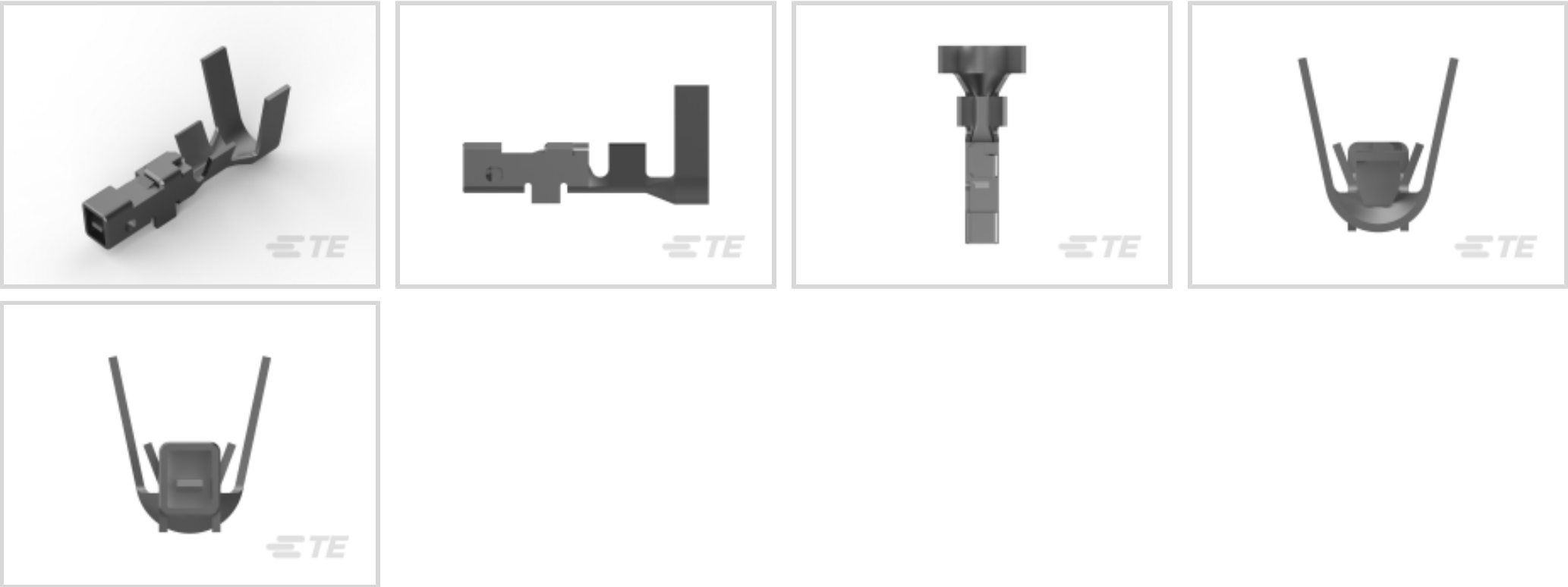
GRACE INERTIA 3.3

TE Internal #: 1827395-1

Receptacle Contact, Tin, 250 VAC, 250 VDC, Locking Lance Contact Retention, 24 - 20 AWG Wire Size, .2 - .52 mm² Wire Size, Crimp, GRACE INERTIA 3.3

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts > GRACE INERTIA Receptacle



Contact Type: **Receptacle**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **250 VDC**

[All GRACE INERTIA Receptacle \(5\)](#)

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Mating Tab Width	.7 mm[.027 in]
Mating Tab Thickness	.5 mm[.02 in]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Orientation	Straight
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy



Contact Current Rating (Max)	4 A
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.5 - 2.5 mm[.059 - .099 in]
Wire Size	.2 - .52 mm²

Usage Conditions

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

Circuit Application	Power
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Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 1827395-2
GIC 3.3 REC CONTACT TIN PLATE

TE Part # 2151834-2
OC-AT-S-FA-150F102F-001-0190

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 7-2151834-7
OC-150F102F-CRIMPTOOLINGKIT

Also in the Series | GRACE INERTIA 3.3

Connector Contacts(3)

Connector Hardware(15)

Rectangular Power Connectors(69)

Customers Also Bought

TE Part # 2-1376383-3
5MM B-T-W CONN. 3P HDR ASSEMBL

TE Part # 177914-2
AMP POWER DBL LOCK REC (S)

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

TE Part # 1747995-2
GHC EYELET 6.2 3POS PLUG HOUSING RED



TE Part # 179975-1
250 PL EX REC. 15-10AWG PTBR

TE Part # 1554296-1
GI CONN 2.5 PLUG HSG 5P LEVER SPECIAL

TE Part # 1747995-3
GHC EYELET 6.2 3POS PLUG HOUSING BLUE

TE Part # 2232575-1
2.5 SIGNAL D/LOCK TAB CONT. M

Documents

Product Drawings

GIC 3.3 REC CONTACT TIN PLATE

English

CAD Files

Customer View Model

ENG_CVM_CVM_1827395-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1827395-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1827395-1_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

Japanese

GRACE INERTIA CONNECTOR 3.3 CONTACT

Japanese