

GRACE INERTIA 2.5

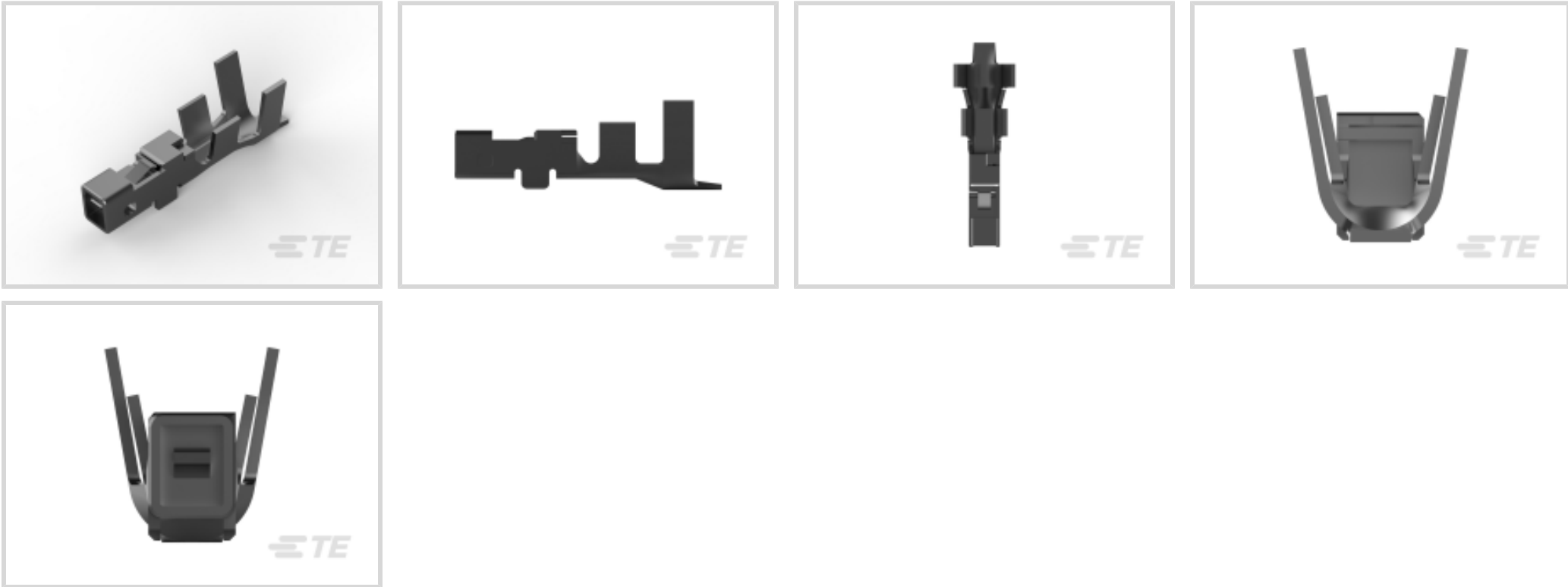
TE Internal #: 2134384-1

Receptacle Contact, Tin, 50 VAC, 50 VDC, Locking Lance Contact Retention, Discrete Wire, 22 – 18 AWG Wire Size, GRACE INERTIA 2.5

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**  
Contact Mating Area Plating Material: **Tin**  
Wire Contact Termination Area Plating Material: **Pre-Tin**  
Operating Voltage: **50 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	50 VDC
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Contact Features

Contact Shape & Form	Square
	.338 in
Barrel Type	Open
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)	3.5 A
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Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Dimensions

Compatible Insulation Diameter Range	1.4 – 2.2 mm[.055 – .087 in]
Wire Size	.34 – .86 mm²

Usage Conditions

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

For Multiple Crimp	No
Circuit Application	Power

Packaging Features

Packaging Quantity	8000
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-G7534A-R2435  
Sig GRACE INERTIA Receptacle




TE Part # 1871859-2  
GIC 2.5 REC CONT TIN PLATE TYPE (MTYPE)


### Also in the Series | GRACE INERTIA 2.5




Connector Contacts(6)




Connector Hardware(7)




PCB Headers & Receptacles(138)



Rectangular Connector Housings(49)








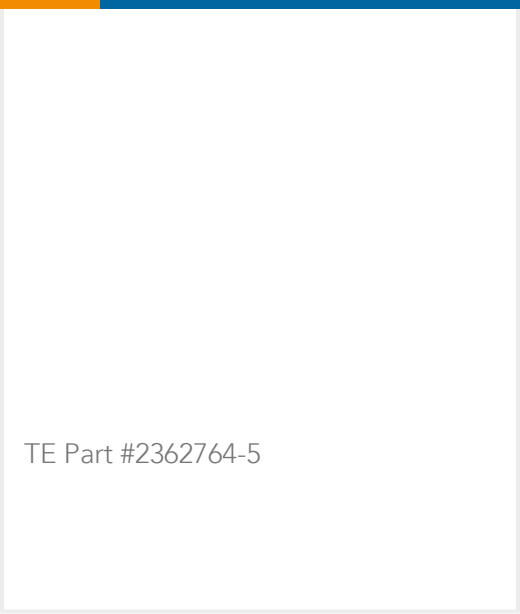
Rectangular Power Connectors(35)



Wire-to-Board Connector Assemblies & Housings(46)

### Customers Also Bought



 <p>TE Part #170326-1 187 PL MKII REC. 18-14AWG PTBR</p>	 <p>TE Part #505038-1 SHUR PLUG 180 CRIMP TAB 20-16 AWG BR</p>	 <p>TE Part #2176083-5 EP 5W (S) 47R 5%</p>	 <p>TE Part #382825-000 44A1121-16-2/6-9</p>
 <p>TE Part #1456985-2 1X6 Fem unsealed LP assy Key B w /CPA</p>	 <p>TE Part #2141868-1 MCON 1.2 LL TAB SWS SN</p>	 <p>TE Part #2362764-5</p>	 <p>TE Part #2362768-1</p>

Documents

Product Drawings

GIC 2.5 REC CONT TIN PLATE TYPE (2L TYPE

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2134384-1\_A\_c-2134384-1-a.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2134384-1\_A\_c-2134384-1-a.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2134384-1\_A\_c-2134384-1-a.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

Application Specification

English