



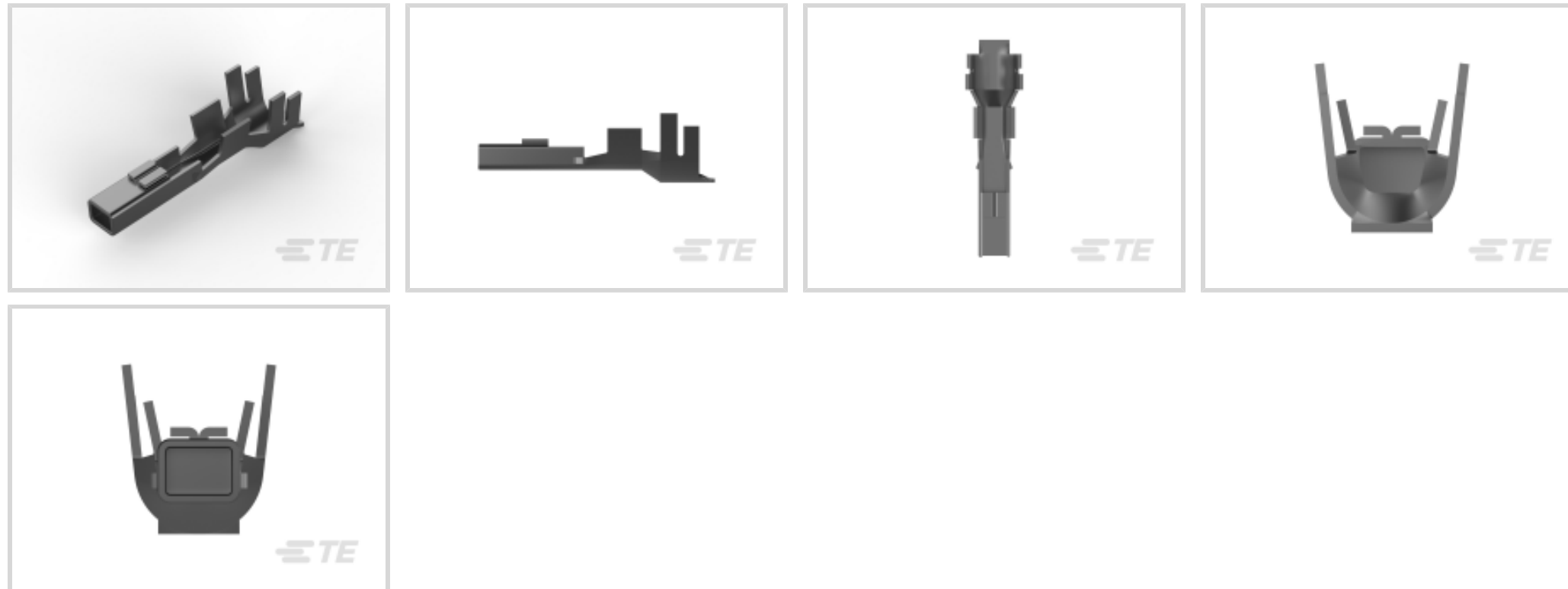
**Power Double Lock**

TE Internal #: 1743729-1

Power Contacts, Contact, Pre-Tin, 20 – 16 AWG Wire Size, .52 – 1.31 mm<sup>2</sup> Wire Size, Wire-to-Wire, Wire & Cable, Crimp, Power, Socket, Power Double Lock

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Pre-Tin**

Wire Size: **.52 – 1.31 mm<sup>2</sup>**

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

**Features**

**Product Type Features**

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

**Contact Features**

Contact Mating Area Plating Material	Pre-Tin
Contact Type	Socket
Contact Retention Within Housing	With
Mating Tab Width	1.5 mm[.06 in]
Mating Tab Thickness	.5 mm[.02 in]
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	.8 μm[31.49 μin]
Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight

**Termination Features**



Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Wire Insulation Support	With
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### Dimensions

Wire Size	.52 – 1.31 mm <sup>2</sup>
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Accepts Wire Insulation Diameter Range	2 – 3.1 mm [.078 – .12 in]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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VDE Tested	Yes
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UL Flammability Rating	UL 94V-0
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UL File Number	E28476
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### Packaging Features

Packaging Method	Reel
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Packaging Quantity	4000
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### Other

Wire/Cable Type	Discrete Wire
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Wire Type	Stranded
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For Use With	Plug Housing
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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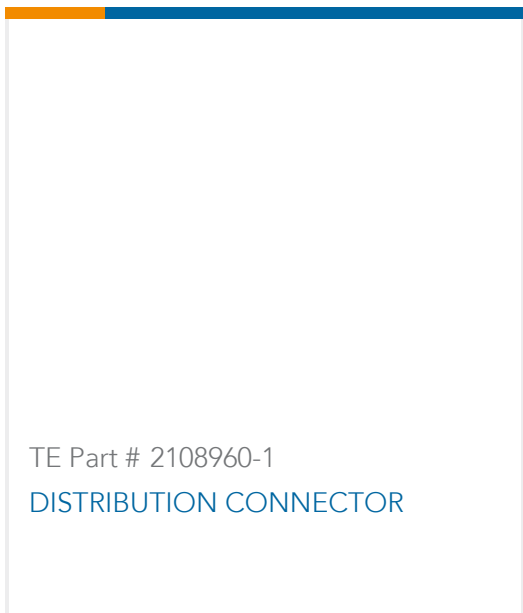
Solder Process Capability	Not applicable for solder process capability
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**Product Compliance Disclaimer**

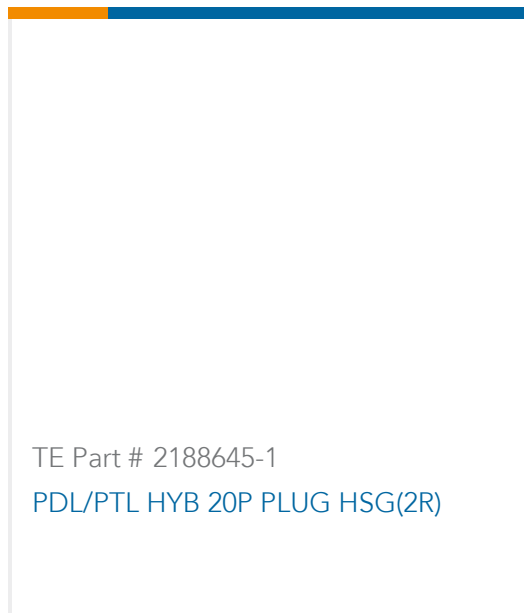
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>	 <p>TE Part # 1897007-1 HALL SENSOR 4P PLUG HSG</p>	 <p>TE Part # 2-2151074-1 OCEAN_2.0_APPLICATOR-S-080F130F</p>	 <p>TE Part # 2-2151074-2 OCEAN_2.0_APPLICATOR-S-080F130FA</p>
 <p>TE Part # 2151074-1 OCEAN_2.0_APPLICATOR-S-080F130F</p>	 <p>TE Part # 2151074-2 OCEAN_2.0_APPLICATOR-S-080F130FA</p>	 <p>TE Part # 5-368571-1 FOAMING PROOF PLUG 3POS NAT</p>	 <p>TE Part # 5-368571-2 FOAMING PROOF PLUG 3POS RED</p>
 <p>TE Part # 5-368571-4 FOAMING PROOF PLUG 3POS YEL</p>	 <p>TE Part # 7-2151074-1 OCEAN_2.0_APPLICATOR-S-080F130F</p>	 <p>TE Part # 7-2151074-2 OCEAN_2.0_APPLICATOR-S-080F130FA</p>	 <p><b>KIT</b> REPRESENTATION ONLY</p> <p>TE Part # 7-2151074-7 OCEAN_2.0_SPARE_PART_KIT-080F130F</p>



TE Part # 2108960-1  
DISTRIBUTION CONNECTOR



TE Part # 2188645-1  
PDL/PTL HYB 20P PLUG HSG(2R)

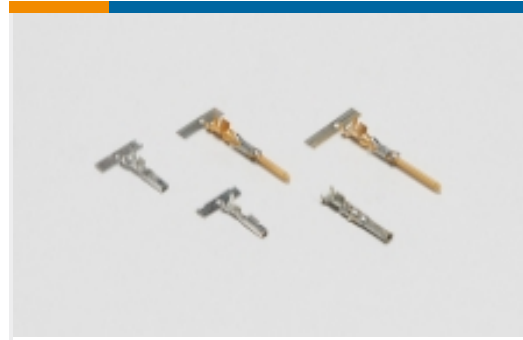
## Also in the Series | Power Double Lock



Connector Contacts(1)



Insertion & Extraction Tools(2)



Power Contacts(23)



Rectangular Connector Locking(14)



Rectangular Power Connectors(284)

## Customers Also Bought



TE Part #2232112-1  
250 FASTON,REC.,18-14 AWG,TPBR



TE Part #5-177899-1  
Glow Wire Power Double Lock Plug



TE Part #5-179463-1  
POWER DBL LOCK CAP HSG F/H 2P (GWT)



TE Part #1217039-1  
TIMER CONNECTOR GEN 3 18-14 POST-TPBR



TE Part #2-1743068-1  
187 HSG. PL MKII REC. 5mm 3P NAT



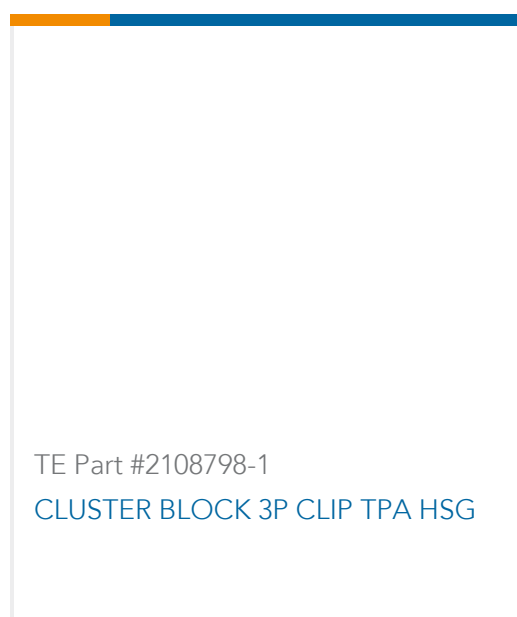
TE Part #2-1743216-1  
GAS VALVE 2P HSG GWT



TE Part #2-1743217-1  
GAS VALVE 3P HSG GWT



TE Part #2-2005820-9  
CLUSTER BLOCK 3P CLIP HSG(GWT)



## Documents

### Product Drawings

#### FG TERMINAL

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1743729-1\\_C\\_c-1743729-1-c.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1743729-1\\_C\\_c-1743729-1-c.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1743729-1\\_C\\_c-1743729-1-c.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

### Product Environmental Compliance

[MD\\_1743729-1\\_072720172347\\_dmtec](#)

English

[MD\\_1743729-1\\_072720172347\\_dmtec](#)

English