



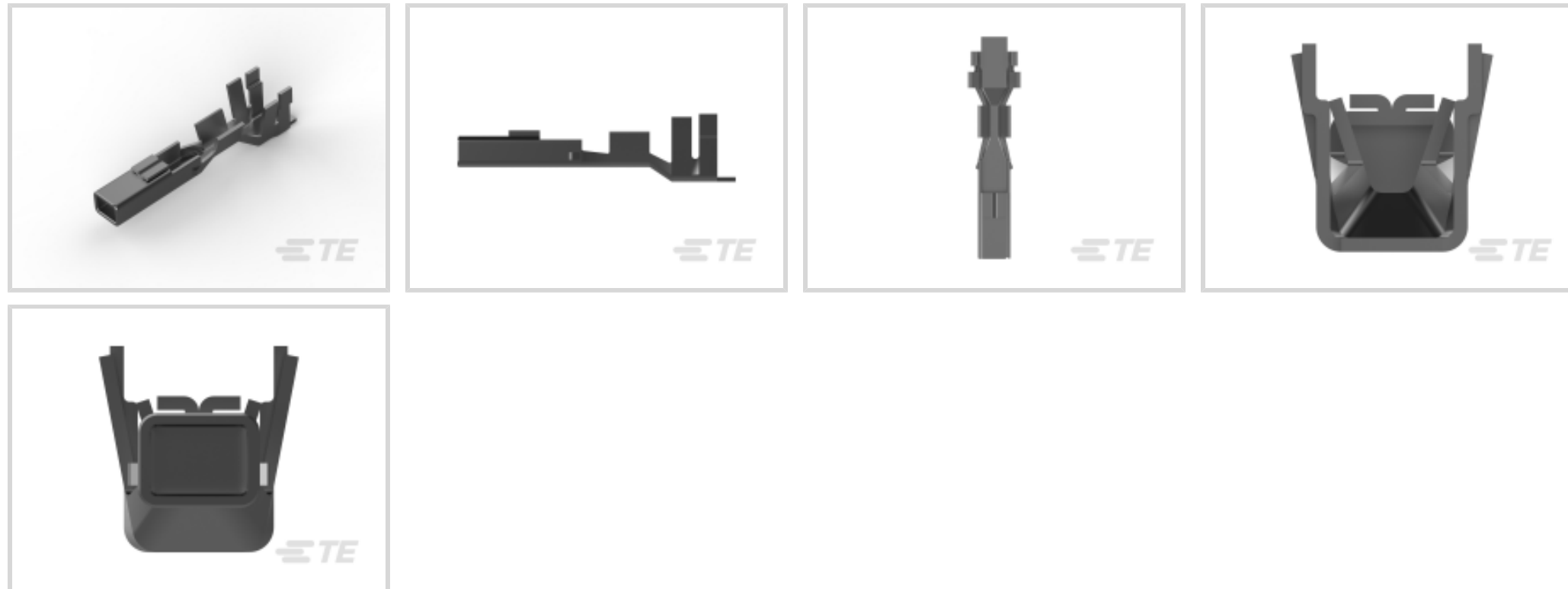
**Power Double Lock**

TE Internal #: 1743728-1

Power Contacts, Contact, Pre-Tin, 26 – 22 AWG Wire Size, .13 – .33 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: **.13 – .33 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
Connector Mounting Type	Cable Mount (Free-Hanging)
Wire Insulation Support	Without

### Dimensions

Wire Size	.13 – .33 mm <sup>2</sup>
Accepts Wire Insulation Diameter Range	1.3 – 2 mm [.051 – .079 in]

### Operation/Application

Circuit Application	Power
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### Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

### Other

Wire/Cable Type	Discrete Wire
Wire Type	Stranded
For Use With	Plug Housing

### 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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 1897007-1  
HALL SENSOR 4P PLUG HSG



TE Part # 2-2151072-1  
OCEAN\_2.0\_APPLICATOR-S-055F108F



TE Part # 2-2151072-2  
OCEAN\_2.0\_APPLICATOR-S-055F108FA



TE Part # 2-2266241-1  
OCEAN\_2.0\_Applicator-S-055F108SC



TE Part # 2-2266241-2  
OCEAN\_2.0\_Applicator-S-055F108SC



TE Part # 2-2836138-1  
OCEAN\_2.0\_Applicator-S-055F108OV



TE Part # 2-2836138-2  
OCEAN\_2.0\_Applicator-S-055F108OV



TE Part # 2151072-1  
OCEAN\_2.0\_APPLICATOR-S-055F108F



TE Part # 2151072-2  
OCEAN\_2.0\_APPLICATOR-S-055F108FA



TE Part # 2266241-1  
OCEAN\_2.0\_Applicator-S-055F108SC



TE Part # 2266241-2  
OCEAN\_2.0\_Applicator-S-055F108SC




TE Part # 2836138-1  
OCEAN\_2.0\_Applicator-S-055F108OV



TE Part # 2836138-2  
OCEAN\_2.0\_Applicator-S-055F108OV



TE Part # 5-368571-1  
FOAMING PROOF PLUG 3POS NAT



TE Part # 5-368571-2  
FOAMING PROOF PLUG 3POS RED



TE Part # 5-368571-4  
FOAMING PROOF PLUG 3POS YEL



TE Part # 7-2151072-1  
OCEAN\_2.0\_APPPLICATOR-S-055F108F




TE Part # 7-2151072-2  
OCEAN\_2.0\_APPPLICATOR-S-055F108FA




TE Part # 7-2151072-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-055F108F


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 #177918-1  
POWER DBL LOCK PLATE 2P



TE Part #41728  
250 FASTON REC 16-12 AWG TPBR

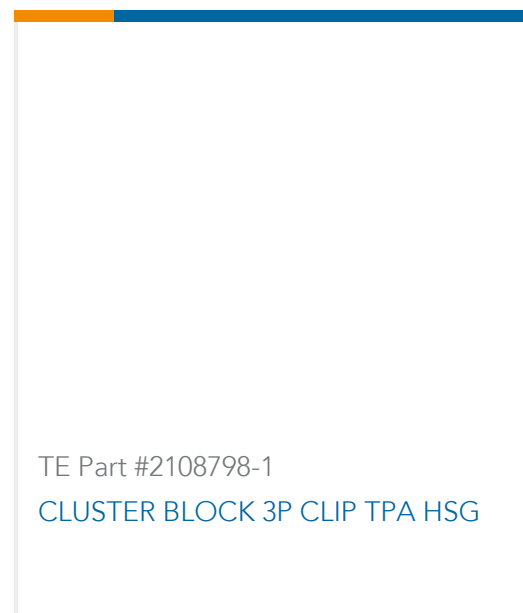
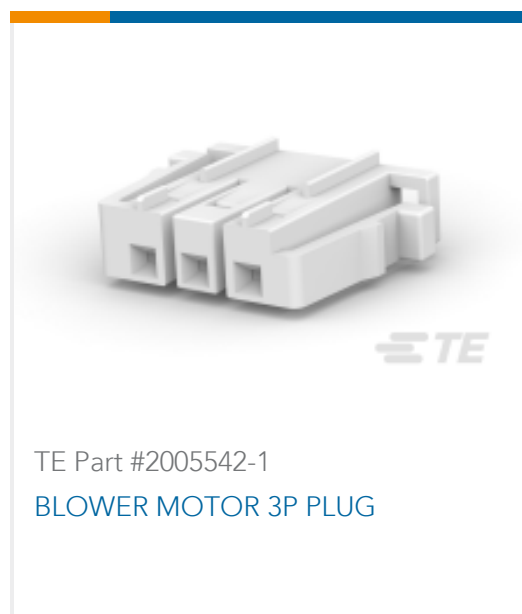


TE Part #170325-1  
187 PL MKII REC. 20-16AWG PTBR



TE Part #63677-1  
312 FASTON REC 16-12 AWG TPBR





## Documents

### Product Drawings

#### FG TERMINAL

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1743728-1\\_C\\_c-1743728-1-c.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1743728-1\\_C\\_c-1743728-1-c.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1743728-1\\_C\\_c-1743728-1-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\\_1743728-1\\_01232015557\\_dmtec](#)

English

[MD\\_1743728-1\\_01232015557\\_dmtec](#)

English

