

1318912-1 ✓ ACTIVE

Economy Power

TE Internal #: 1318912-1

Power Contacts, Contact, 250 VAC, 250 VDC, Pre-Tin, 22 – 18 AWG

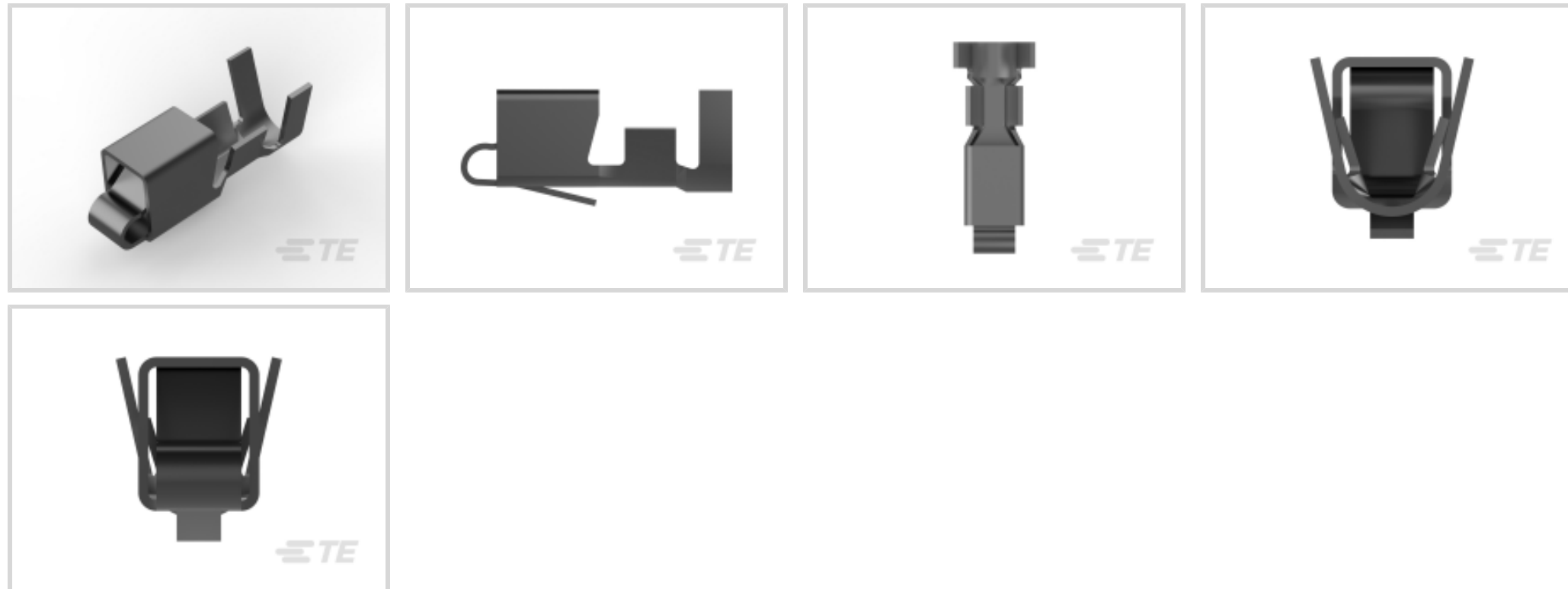
Wire Size, .33 – .82 mm² Wire Size, Wire-to-Board, Wire & Cable,

Crimp, Economy Power

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VDC**

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

Wire Size: **22 – 18 AWG**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	250 VDC
-------------------	---------

Contact Features

Contact Shape & Form	Single Beam in Box
Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	8 A
Contact Type	Receptacle
Contact Retention Within Housing	With
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Base Material	Phosphor Bronze
Wire Contact Termination Area Plating Thickness	.8 – 1.4 μm[31.49 – 55.11 μin]
Wire Contact Termination Area Plating Material	Pre-Tin



Contact Orientation	Straight
---------------------	----------

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

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

Wire Insulation Support	Without
-------------------------	---------

Dimensions

Wire Size	.33 – .82 mm ²
-----------	---------------------------

Accepts Wire Insulation Diameter Range	1.7 – 3 mm [.067 – .118 in]
--	-----------------------------

Width	10.59 mm [.417 in]
-------	--------------------

Length	3 mm [.118 in]
--------	----------------

Height	3.8 mm [.149 in]
--------	------------------

Usage Conditions

Operating Temperature Range	-25 – 105 °C [-13 – 221 °F]
-----------------------------	-----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
------------------	-------------------------------

Packaging Features

Packaging Method	Bag
------------------	-----

Packaging Quantity	1000
--------------------	------

Other

Wire/Cable Type	Discrete Wire
-----------------	---------------

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 2022 (223)
--	---



Candidate List Declared Against: JAN 2022
(223)

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 # 1-1123722-1
3.96 EP PLUG HSG 11P(NATURAL)



TE Part # 1-1123722-8
3.96 EP PLUG HSG 8P(NATURAL)



TE Part # 1-1123722-5
3.96 EP PLUG HSG 5P(NATURAL)



TE Part # 1-1123722-6
3.96 EP PLUG HSG 6P(NATURAL)



TE Part # 1-1123722-2
3.96 EP PLUG HSG 2P(NATURAL)



TE Part # 1-1123722-7
3.96 EP PLUG HSG 7P(NATURAL)



TE Part # 1-1123722-4
3.96 EP PLUG HSG 4P(NATURAL)



TE Part # 1-1123722-3
3.96 EP PLUG HSG 3P(NATURAL)




TE Part # 2-1123722-4
3.96 EP PLUG HSG 4P(YELLOW)



TE Part # 3-1123722-7
3.96 EP PLUG HSG 7P(BLUE)



TE Part # 4-1123722-3
3.96 EP PLUG HSG 3P(RED)



TE Part # 1-1123823-1
EP IP PLUG NATURAL



TE Part # 5-1123722-7
3.96 EP PLUG HSG 7P(BLACK)



TE Part # 6-1123722-4
3.96 EP PLUG HSG 4P(GREEN)



TE Part # 3-1123722-6
3.96 EP PLUG HSG 6P(BLUE)



TE Part # 5-1123722-6
3.96 EP PLUG HSG 6P(BLACK)



TE Part # 3-1123722-2
3.96 EP PLUG HSG 2P(BLUE)



TE Part # 91579-1
CCII ECON POWER REC 20-16 ASSY




TE Part # 1-1123722-9
3.96 EP PLUG HSG 9P(NATURAL)




TE Part # 1-1123722-0
3.96 EP PLUG HSG 10P(NATURAL)

Also in the Series | Economy Power



Connector Contacts(1)




Insertion & Extraction Tools(1)




PCB Headers & Receptacles(166)



PCB Latches, Locks & Retainers(2)



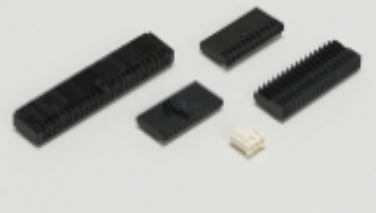
Power Contacts(8)



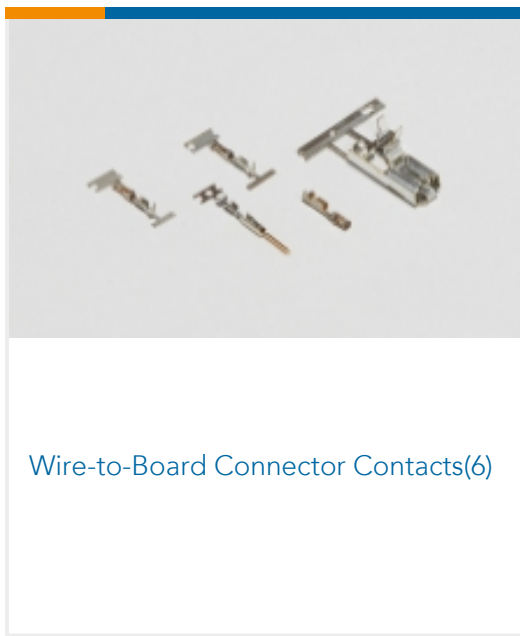
Rectangular Connector Housings(1)



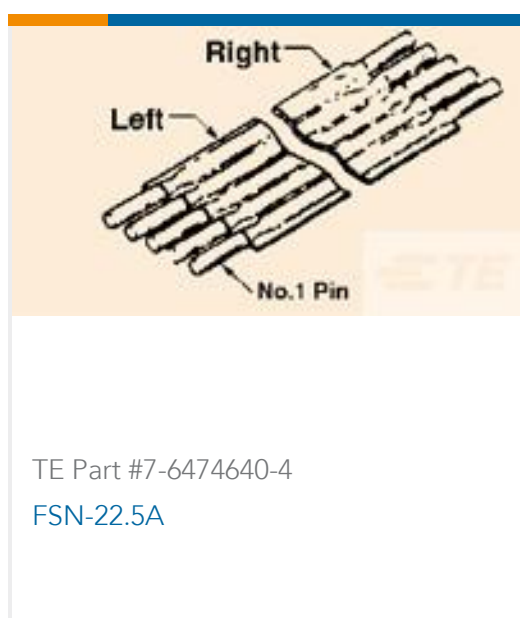
Rectangular Power Connectors(285)



Wire-to-Board Connector Assemblies & Housings(64)



Customers Also Bought



Documents

Product Drawings

EP CONN LP REC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1318912-1_T.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1318912-1_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1318912-1_T.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1318912-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1318912-1_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1318912-1_E.2d_dxf.zip](#)

English

[3D PDF](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

Japanese

Product Environmental Compliance

[MD_1318912-1_12012017441_dmtec](#)

English

[MD_1318912-1_12012017441_dmtec](#)

English