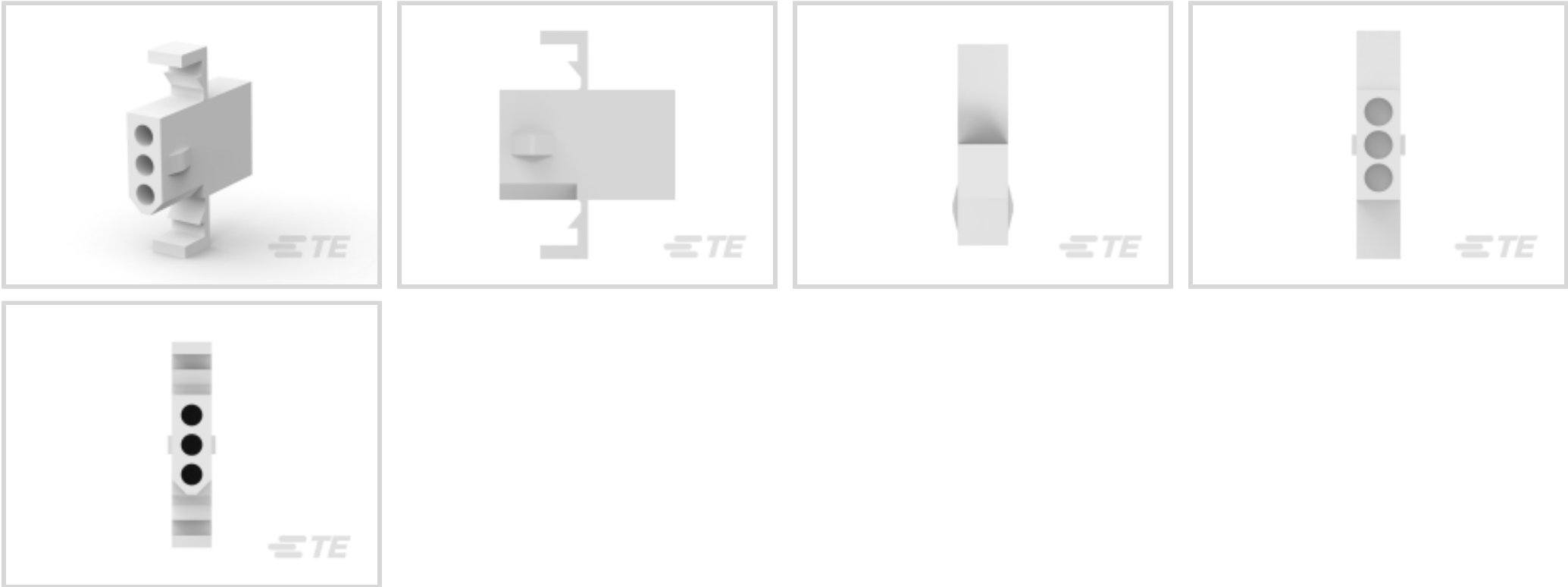




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **3**

Centerline (Pitch): **3.68 mm [ .145 in ]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Signal Positions	1
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Layout	Inline
Multiple Contact Types	Without



Contact Retention Within Housing	Without
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Contact Type	Socket
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Termination Features

Termination Method to Wire & Cable	Crimp
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Wire/Cable Type	Discrete Wire
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Mechanical Attachment

Panel Mount Feature	With
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Panel Mount Feature Type	Mounting Ears
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	3.68 mm[.145 in]
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Housing Color	Natural
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Housing Material	Nylon
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Dimensions

Wire Size	394.71 – 1776.17 CMA
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Row-to-Row Spacing	3.68 mm[.145 in]
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Width	12.45 mm[.4901 in]
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Accepts Wire Insulation Diameter Range	1.27 – 2.79 mm[.05 – .11 in]
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Height	5.05 mm[.2 in]
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Length	19.94 mm[.785 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Insertion Force	17.8 Newton
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-2
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Glow Wire Rating	Standard Part - Not Glow Wire
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Agency/Standard Number	E28476
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Agency/Standard	CSA, UL
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UL Rating	Recognized
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CSA File Number	LR7189
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VDE Tested	No
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Packaging Features

Packaging Method	Package
Packaging Quantity	1

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	ECHAによる現在の候補リスト: 2020年1月 (205) 候補リストの表記: 2019年7月(201) REACH SVHCを含まない
EU REACH Regulation (EC) No. 1907/2006	ECHAによる現在の候補リスト: 2020年1月 (205) 候補リストの表記: 2019年7月(201)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

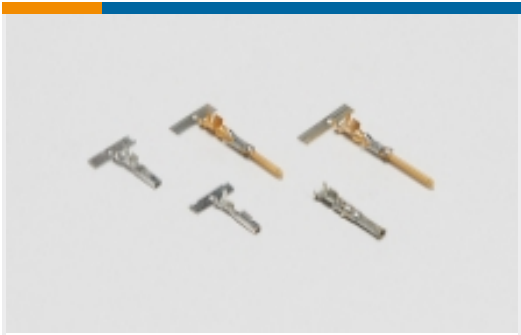


Also in the Series | Commercial Pin and Socket Connectors



Connector Contacts(3)



Power Contacts(39)



Rectangular Connector Housings(11)



Rectangular Power Connectors(88)

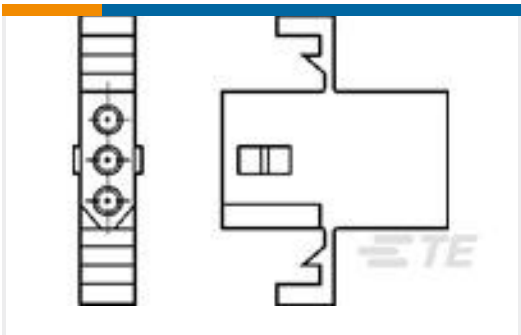


Standard Rectangular Connectors(5)

Customers Also Bought



TE Model / Part #770441-1  
04P .062 COMM P&S RECPT



TE Model / Part #770343-1  
02P .062 COMM P&S RECPT



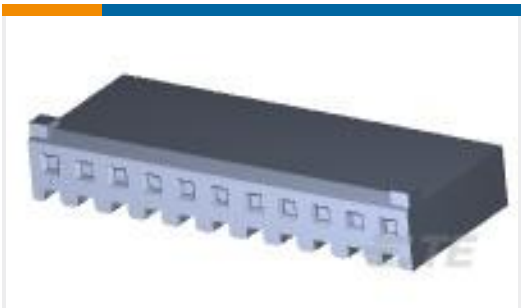
TE Model / Part #5646955-1  
UPM EXPANDED PIN ASSEMBLY



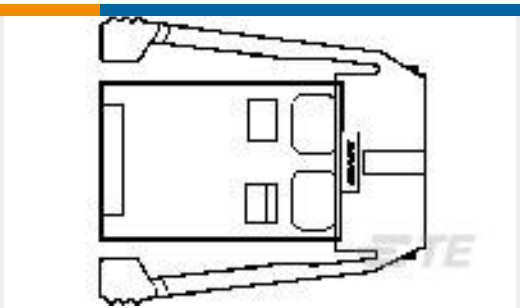
TE Model / Part #770089-1  
06P .093 COMM P&S PLUG HSG



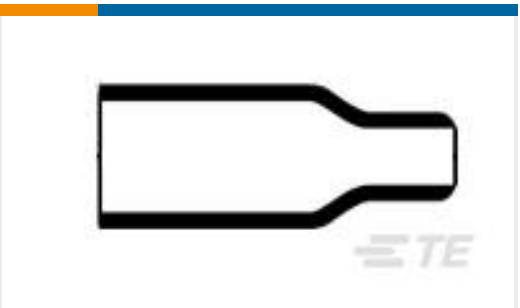
TE Model / Part #2057750-1  
IMP100S,H,V2P16C,UG,DEW39,4.5



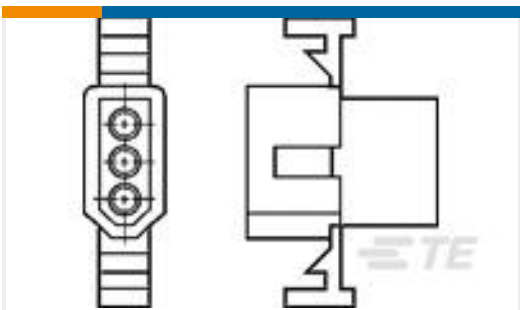
TE Model / Part #1-647402-1  
11P SL156 HSG W/RMP&TABS,OVSZ



TE Model / Part #5-520532-3  
8 SDL RND PLUG ASSY 36 SERIES



TE Model / Part #916479-000  
202A153-25/86-0



TE Model / Part #770332-1  
03P .062 COMM P&S PLUG

Documents



Product Drawings

03P .062 COMM P&S RECPT

English

CAD Files

Customer View Model

ENG\_CVM\_770326-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_770326-1\_B.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_770326-1\_B.2d\_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_770326-1\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_770326-1\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_770326-1\_F.3d\_stp.zip

English

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

Datasheets & Catalog Pages

SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG

English

Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English