



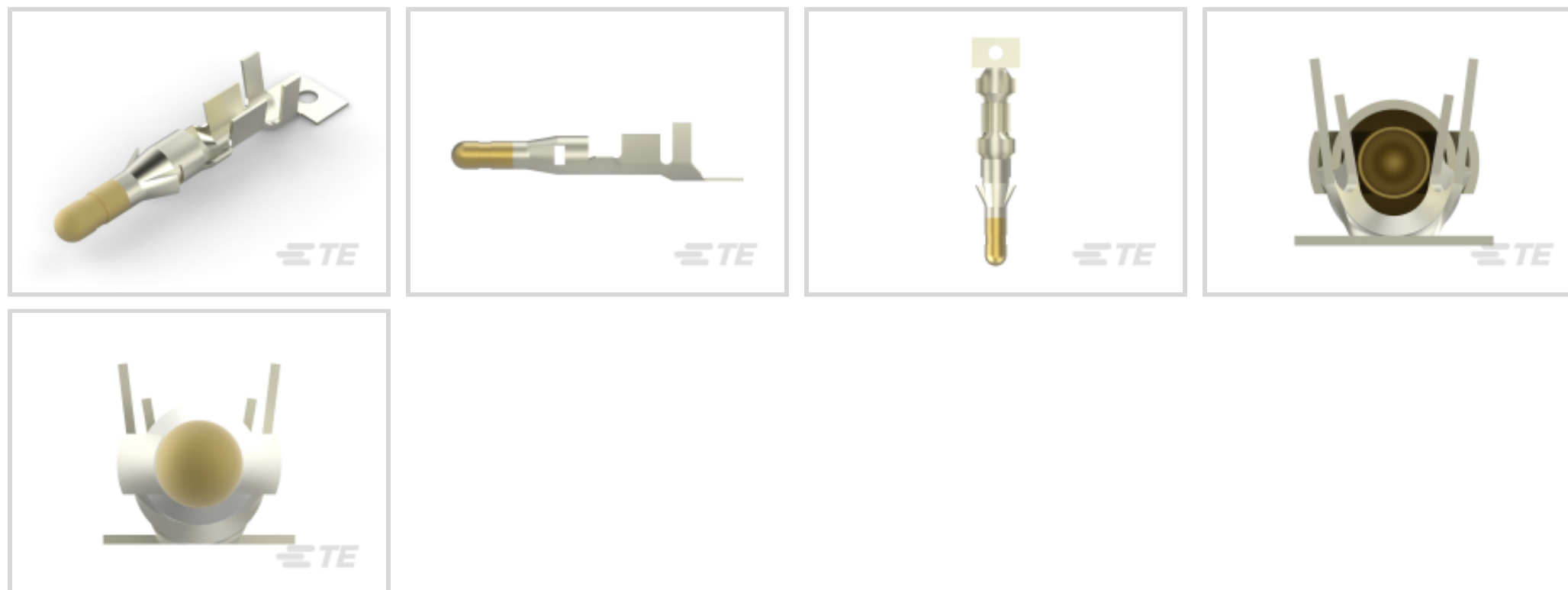
Commercial Pin and Socket Connectors

TE Internal #: 350416-5

Power Contacts, Contact, 600 VAC / 250 VAC, Gold, 20 – 14 AWG  
Wire Size, .5 – 2 mm<sup>2</sup> Wire Size, Wire & Cable, Commercial Pin and  
Socket Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **250 VAC, 600 VAC**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.5 – 2 mm<sup>2</sup>**

**Features**

**Product Type Features**

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

**Electrical Characteristics**

Operating Voltage	250 VAC, 600 VAC
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**Contact Features**

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	13 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	2.36 mm[.093 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material	Gold



Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

### Termination Features

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

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	Without

### Dimensions

Wire Size	.5 – 2 mm <sup>2</sup>
Compatible Insulation Diameter Range	3.56 mm[.14 in]

### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

Agency/Standard	CSA, UL
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### Packaging Features

Packaging Quantity	4000
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 770096-1  
09P .093 COMM P&S PLUG



TE Part # 770373-1  
06P .093 COMM P&S PLUG .250CL



TE Part # 770107-1  
15P .093 COMM P&S PLUG



TE Part # 770361-1  
06P .093 COMM P&S PLUG .250CL



TE Part # 770075-1  
04P .093 COMM P&S RECPT HSG



TE Part # 770276-1  
03P .093 COMM P&S PLUG .250CL



TE Part # 770102-1  
12P .093 COMM P&S PLUG



TE Part # 770070-1  
03P .093 COMM P&S RECPT HSG



TE Part # 770372-1  
06P .093 COMM P&S RECPT .250CL



TE Part # 770068-1  
02P .093 COMM P&S PLUG .248CL



TE Part # 770078-1  
04P .093 COMM P&S PLUG HSG



TE Part # 770782-1  
06P .093 COMM P&S RECPT




TE Part # 770339-1  
03P .093 COMM P&S RECPT .250CL



TE Part # 770064-1  
01P .093 COMM P&S PLUG HSG



TE Part # 770071-1  
03P .093 COMM P&S RECPT HSG



TE Part # 770892-1  
06P .093 COMM P&S PLUG PL



TE Part # 770074-1  
03P .093 COMM P&S PLUG HSG



TE Part # 770063-1  
01P .093 COMM P&S RECPT HSG




TE Part # 770065-1  
02P .093 COMM P&S RECPT .248CL



TE Part # 770090-1  
06P .093 COMM P&S PLUG HSG


## Also in the Series | Commercial Pin and Socket Connectors




Connector Contacts(2)




Crimp Wire Pins, Tabs & Ferrules(1)



Insertion & Extraction Tools(2)




Power Contacts(39)



Rectangular Connector Housings(10)



Rectangular Power Connectors(84)



Standard Rectangular Connectors(1)

## Customers Also Bought



TE Part #1658655-1  
KIT,HDP-20,ENCLSUR,PLUG,SIZE 1



TE Part #487378-4  
005 HOUSING FFC RCPT 100CL SR



TE Part #440129-2  
2.0MM,HSG,2POS



TE Part #2-487406-2  
FFC,RCPT CONTACT,STD PRESSURE



TE Part #1658622-2  
14 NOVO MIL/CTR 30DP, LEAD FREE



TE Part #1735801-1  
2.0mm, Crimp, Contact



TE Part #1744201-1  
EP-II CONTACT LANCELESS, 20-16



TE Part #2154829-3  
High Power Inverted Thru Board Con 4 Pos



TE Part #320553  
PIDG Ring Tongue Terminals

## Documents

### Product Drawings

[.093 COMM P&S PIN AU/NI/BR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_350416-5\\_AW.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350416-5\\_AW.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_350416-5\\_AW.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_350416-5\\_AF.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_350416-5\\_AF.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_350416-5\\_AF.2d\\_dxf.zip](#)

English

[3D PDF](#)

English



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

### Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[TE Material Declaration](#)

English