



TE Internal #: 1-316458-2
Socket Contact, Gold (Au), 250 VAC, 20 – 16 AWG, .503 – 1.419
mm² Wire, 992.68 – 2802.41 CMA, Crimp, Copper Alloy, Power, -30
– 105 °C [-22 – 221 °F]
[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **250 VAC**
Wire Size: **20 – 16 AWG**

Features

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Underplating Material	Nickel
Mating Tab Thickness	.65 mm[.025 in]
Mating Tab Width	3 mm[.118 in]
Contact Length	24.5 mm[.965 in]
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	15 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable



Dimensions

Compatible Insulation Diameter Range	1.85 – 2.8 mm[.073 – .11 in]
Wire Size	992.68 – 2802.41 CMA

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4500

Product Compliance

For compliance documentation, visit the product page on TE.com>

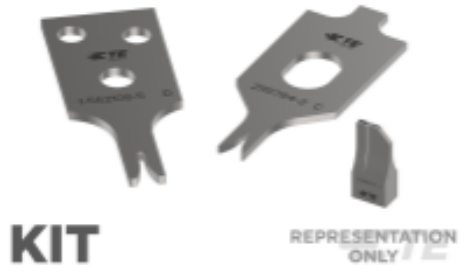
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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



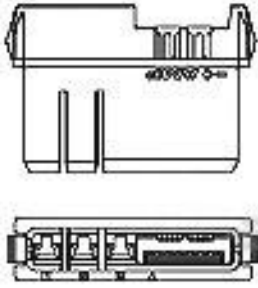


KIT

REPRESENTATION ONLY

TE Part # 7-2151244-7

[OCEAN_2.0_SPARE_PART_KIT-085F120F](#)



REC ASS'Y OF HYB SF DRAWER 10P

TE Part # 1-292192-3

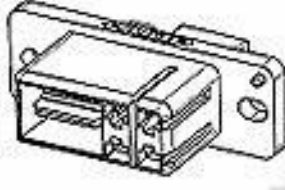
[REC ASS'Y OF HYB SF DRAWER 10P](#)



OCEAN_2.0_Applicator-S-085F120F-RSA

TE Part # 2151244-2

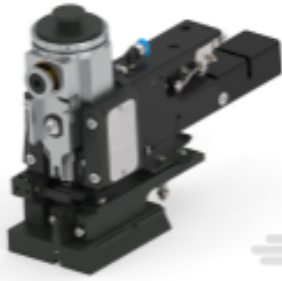
[OCEAN_2.0_Applicator-S-085F120F-RSA](#)



1.5 MINI CT HYBRID DRAWER 16P LONG CONT

TE Part # 2-292240-2

[1.5 MINI CT HYBRID DRAWER 16P LONG CONT](#)



OCEAN_2.0_Applicator-S-085F120F-RSM

TE Part # 2151244-1

[OCEAN_2.0_Applicator-S-085F120F-RSM](#)

Customers Also Bought



AMP CT CRIMP-2 REC CONT AU

TE Part #179227-4

[AMP CT CRIMP-2 REC CONT AU](#)



HYBRID MINI DRAWER REC CONT.#1

TE Part #179316-4

[HYBRID MINI DRAWER REC CONT.#1](#)

Documents

Product Drawings

[HYBRID DRAWER REC GND CONTIN](#)

Japanese

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-316458-2_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-316458-2_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-316458-2_G.3d_stp.zip](#)

English

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



Datasheets & Catalog Pages

Low Power Drawer Connectors QRG

English

Product Specifications

Application Specification

English

Crimping Hybrid Mini Drawer Connector Power Line Contact

English