



AMP

TE Internal #: 1-66740-1

Socket Contact, Gold, 14 – 12 AWG / 16 AWG Wire Size, 2 – 3 mm²
/ 1.25 – 1.4 mm² Wire Size, Crimp, Copper, Power, -67 – 257 °F [-55
– 125 °C]

[View on TE.com >](#)
[Connectors > Contacts > Connector Contacts](#)
Contact Type: **Socket**Contact Mating Area Plating Material: **Gold**Wire Contact Termination Area Plating Material: **Gold**Wire Size: **1.25 – 1.4 mm², 2 – 3 mm²**

Features

Contact Features

Mating Tab Width	5.84 mm[.23 in]
Mating Tab Thickness	2.67 mm[.105 in]
Wire Contact Termination Area Plating Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Orientation	Right Angle
Contact Underplating Material	Copper
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Base Material	Copper
Contact Current Rating (Max)	35 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	3.43 – 4.06 mm[.135 – .16 in]
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Wire Size	1.25 – 1.4 mm ² , 2 – 3 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	1500
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Packaging Method	Reel
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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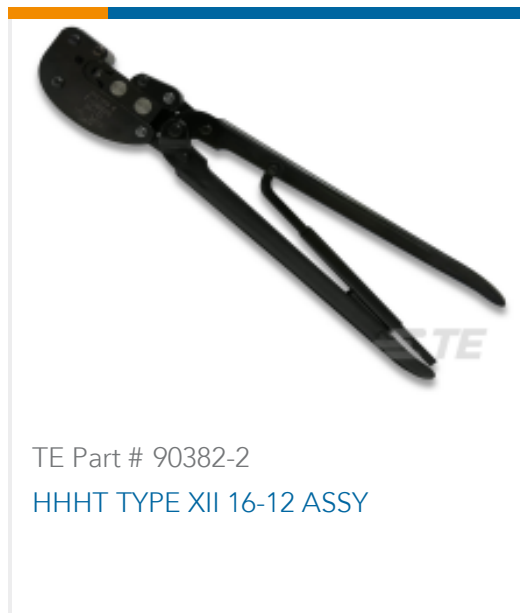
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not applicable for solder process capability
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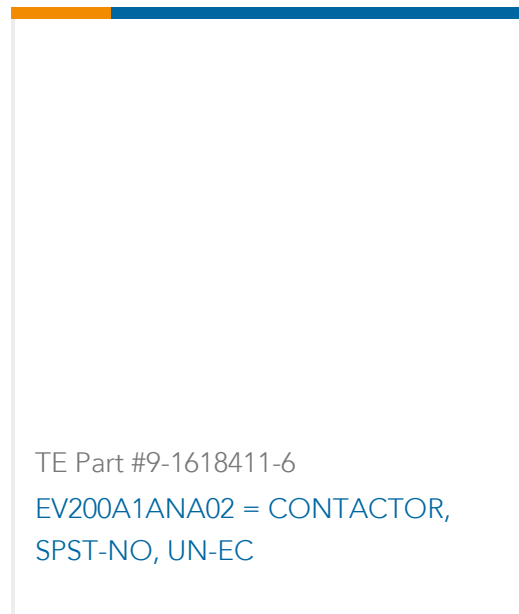
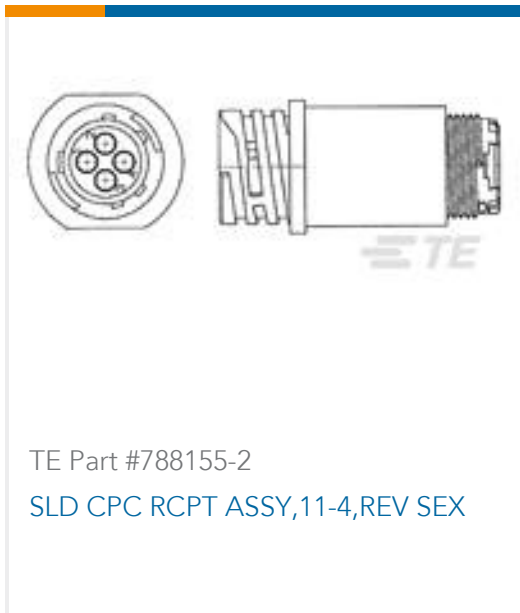
Product Compliance Disclaimer

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



Customers Also Bought



Documents



Product Drawings

TYPE XII FEMALE CONT (STRIP)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66740-1_V.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-66740-1_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66740-1_V.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Power Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

Application Specification

English