



AMP

TE Internal #: 66740-7

Power Contacts, Contact, Tin-Lead, 14 – 12AWG / 16AWG Wire Size, 1.25 – 1.4mm² / 2 – 3mm² Wire Size, Wire-to-Wire, Wire & Cable, Crimp

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

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

Wire Size: **1.25 – 1.4 mm², 2 – 3 mm²**

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

Features

Product Type Features

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

Electrical Characteristics

Test Current	15 A
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Contact Features

Contact Mating Area Plating Material	Tin-Lead
Contact Current Rating (Max)	15 A
Contact Type	Socket
Mating Tab Width	5.84 mm[.23 in]
Mating Tab Thickness	2.67 mm[.105 in]
Contact Base Material	Copper
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material	Tin-Lead
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Right Angle
Contact Underplating Material	Copper

Termination Features



Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	1.25 – 1.4 mm², 2 – 3 mm²
Accepts Wire Insulation Diameter Range	3.43 – 4.06 mm[.135 – .16 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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Packaging Features

Packaging Method	Reel
Packaging Quantity	1500

Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series Connectors, M Series Connectors

Product Compliance

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

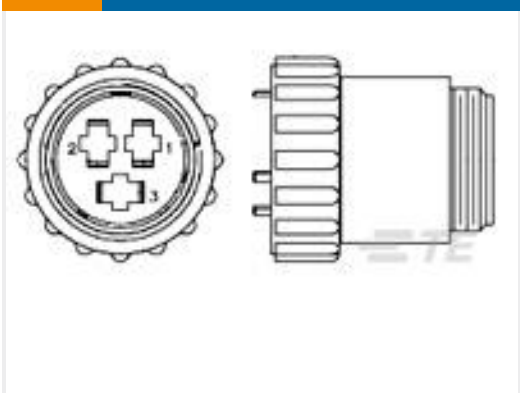
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (13% in palting) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 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 # 206037-2
CPC PLUG ASSEMBLY SIZE 17-3



TE Part # 7-1579008-6
UNLOCKING TOOL



TE Part # 66255-1
MALE CONTACT ASSY. (STRIP)



TE Part # 90382-2
HHHT TYPE XII 16-12 ASSY



TE Part # 2-2151426-2
OCEAN_2.0_APPLICATOR-S-140F210O



TE Part # 2151426-2
OCEAN_2.0_APPLICATOR-S-140F210O



TE Part # 7-2151426-2
OCEAN_2.0_APPLICATOR-S-140F210O



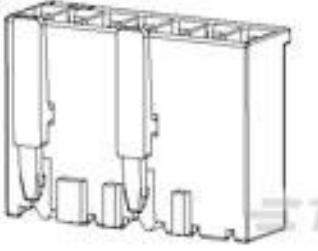
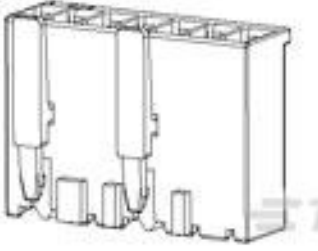
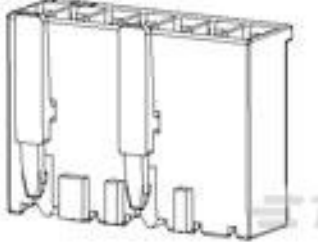
TE Part # 7-2151426-7
OCEAN_2.0_SPARE_PART_KIT-140F210O



TE Part # 539668-2
MATRIZE TYPE 3+

Customers Also Bought



 TE Part #770476-1 SL156 RECPT, SNNI/PHBZ	 TE Part #6-928247-2 2P ST-TIMER GEH	 TE Part #880642-2 RING TONGUE 1.0-2.5 MM2 0.61X14. 60 TPBR	 TE Part #928247-3 3P ST-TIMER GEH
 TE Part #323152 DG 22-16COM 22-18MIL HR R 8	 TE Part #1-66255-1 MALE CONTACT ASSY. (STRIP)	 TE Part #2-928247-5 STD TIMER GEH 5P	 TE Part #626094-2 FF .250 REC 0.5 /1.0 MM2 0.32X19.3 TPBR
 TE Part #964204-1 STD-POW-TIM KONTAKT	 TE Part #66253-1 MALE CONTACT ASSY. (STRIP)		

Documents

Product Drawings

TYPE XII FEMALE CONT (STRIP)

English

CAD Files

Customer View Model

ENG_CVM_CVM_66740-7_V.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66740-7_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66740-7_V.3d_stp.zip

English

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

Datasheets & Catalog Pages



AMP Circular Connectors for Commercial Signal & Power Applications

English

Power Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Products for Aerospace and Defense

English

Product Specifications

Application Specification

English