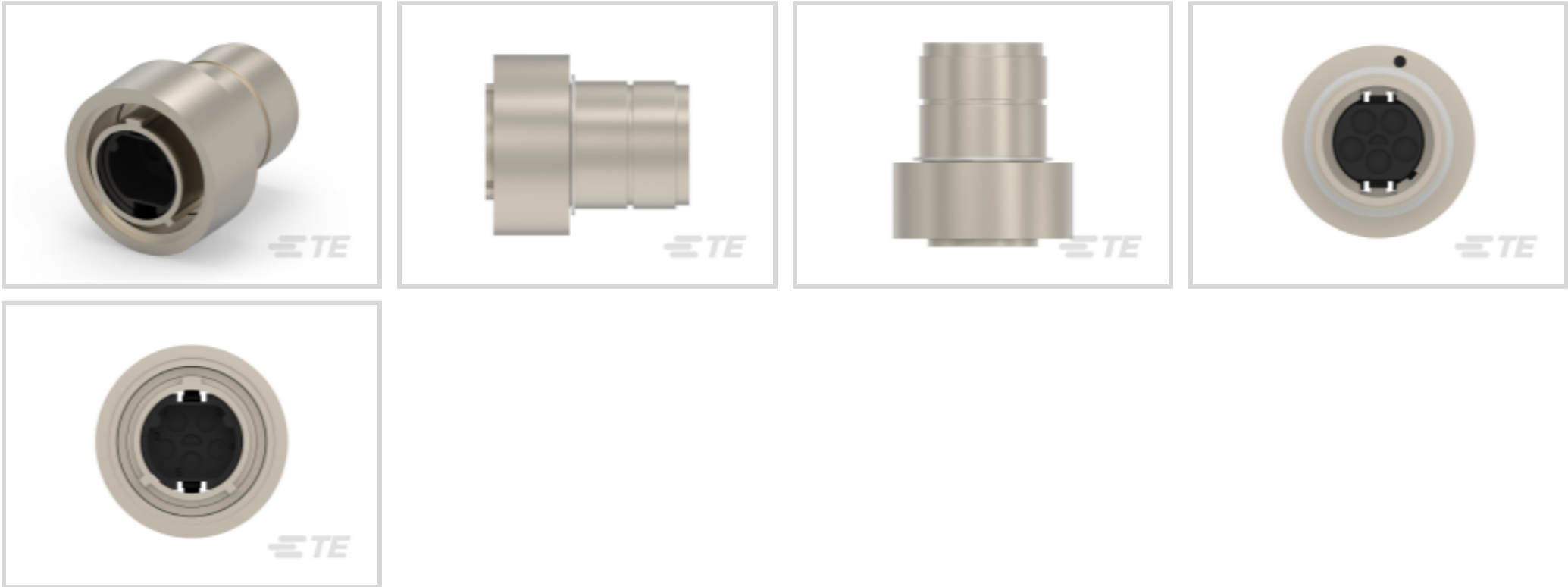




Connectors > Power Connectors > Circular Power > Circular Power Connectors



EU RoHS Compliance: **Compliant**
EU ELV Compliance: **Compliant**
Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Wire Size: **30 – 14 AWG**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	Metal-Shell

Configuration Features

Reverse Numbering	Without
Number of Positions	5
Number of Power Positions	0
Number of Signal Positions	5



Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Pin
Contact Current Rating (Max)	13 A
Contact Protection	With

Termination Features

Termination Method to Wire & Cable	Crimp & Solder
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Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	7/8-20 UNEF-2A
Polarization Code	A
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	14

Dimensions

Compatible Insulation Diameter Range	3.43 mm[.135 in]
Wire Size	.05 – .2 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Power & Signal
Shielded	No



Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	12
Packaging Method	Carton

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 91542-1
CCII TYPE III+ PIN SKT 24-22 ASSY



TE Part # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20
ASSY



TE Part # 91519-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 91523-1
CCII TYPE III+ PIN SKT 24-16 ASSY



TE Part # 91521-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 208714-2
CMC PLUG ASSEMBLY,SZ 14-7



TE Part # 208714-1
CMC PLUG ASSEMBLY,SZ 14-7



TE Part # 208945-5
SZ 14 UNASSM KIT,CMC



TE Part # 208721-1
RECEPT ASSY,SZ 14,CMC



TE Part # 201570-1
CONTACT PIN ASSY.



TE Part # 193846-1
SKT ASSY.



TE Part # 66361-3
III+ PIN,18-14,15AU/FL,LP



TE Part # 164164-1
PIN ASS



TE Part # 66103-3
III+ PIN,24-20,15AU/FL,LP



TE Part # 193844-1
PIN ASSY. 14 AWG



TE Part # 66399-4
III+ SKT,24-20,30AU/FL,LP



TE Part # 66180-1
III+ PIN,SOLDER,30AU,10AU FLASH,LP



TE Part # 164163-1
PIN ASS

Also in the Series | [AMP CPC](#)



Circular Power Connectors(423)



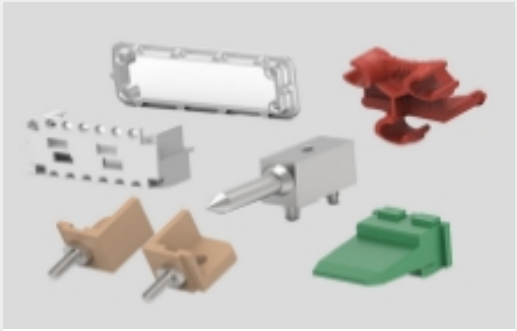
Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Hardware(12)



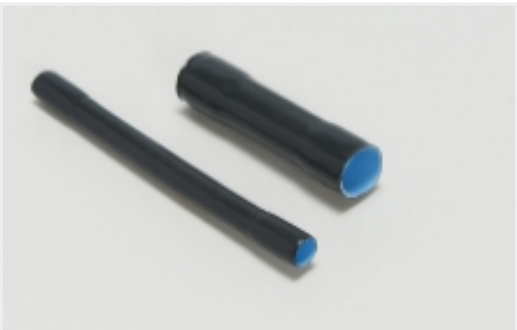
Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

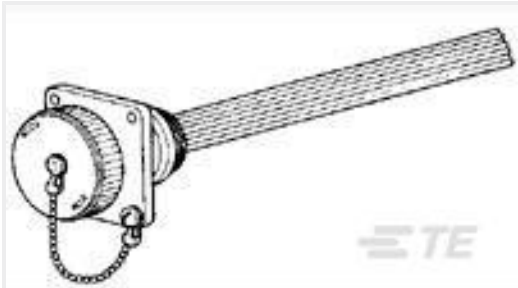


Sealing Sleeves(2)

Customers Also Bought



TE Part #745253-7
20 DF SOCKET CONT. L.P.



TE Part #208680-2
SEALING CAP ASSY,SZ 23,CPC



TE Part #208488-1
CMC PLUG ASSEMBLY,SZ 22



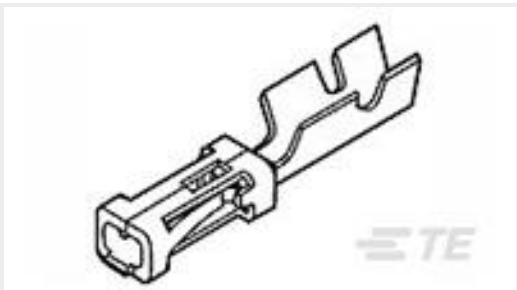
TE Part #208492-1
PLUG ASSY,SZ 22,CMC



TE Part #7-1393254-4
W92-X112-25=M6/M7/M9/W6/W7



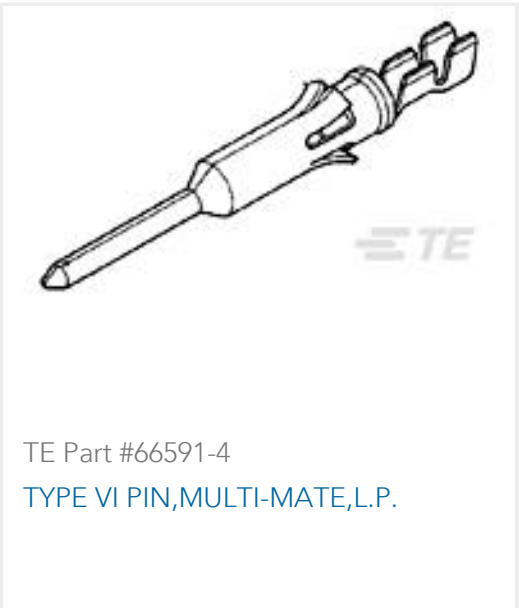
TE Part #211767-2
17-9 CPC RECEPT



TE Part #87667-3
MOD IV RECP LP



TE Part #NB18104001
RNF-100-1-1/4-CL-SP



Documents

Product Drawings

PLUG ASSY,SZ 14,CMC

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_208720-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_208720-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_208720-1_J.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_208720-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_208720-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_208720-1_N.3d_stp.zip

English

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Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications Continued

English

Product Specifications

Application Specification

English



Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English