



AMP

| [AMP Circular Plastic Connectors](#), [Metal Shell Circular Plastic Connectors](#)

TE Internal #: 208714-2

7 Position Circular Power Connector, Housing, 600 VDC, 30 – 14 AWG, .05 – .2 mm² Wire, Wire-to-Wire, Sealable, AMP Circular Plastic Connectors

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

Wire Size: **.05 – .2 mm²**

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

Features

Product Type Features

Connector Seal & Plug Type	Tetraseal
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	Metal-Shell

Configuration Features

Reverse Numbering	Without
Number of Positions	7
Number of Power Positions	0
Number of Signal Positions	7

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket
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
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	2.67 mm[.105 in]
Wire Size	.05 – .2 mm²

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Fluid Resistance	Immersion

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 1-66601-2
III+ SKT,18-14,TIN,LP

TE Part # 58541-1
PRO-CRIMPER HAND TOOL & DIE

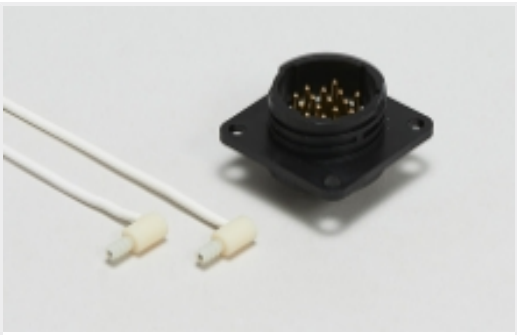
TE Part # 202508-1
CONTACT SOCKET ASSY.

TE Part # 200333-8
SKT CONT ASSY, SZ 16, TYPE II



 TE Part # 1-66361-2 III+ PIN,18-14,TIN,LP	 TE Part # 1-66359-6 III+ PIN,18-14,30AU/FL,STRIP	 TE Part # 1-66400-0 III+ PIN,24-20,TIN,LP	 TE Part # 1-601967-6 POSITIONER TYPE II CONTACTS
 TE Part # 1-66103-8 III+ PIN,24-20,TIN,LP	 TE Part # 1-66361-6 III+PIN,18-14,TIN,LP,SN	 TE Part # 1-66360-2 III+ SKT,18-14,TIN ,LP	 TE Part # 1-601967-5 POSITIONER TYPE II CONTACTS
 TE Part # 1-66108-5 III+ SKT,26-24,TIN,STRIP	 TE Part # 1-66359-9 III+PIN,18-14,TIN,STRIP	 TE Part # 1-66597-0 III+ PIN,18-14,30AU/FL,STRIP	 TE Part # 201330-1 CONTACT PIN ASSY.
 TE Part # 2-66358-1 III+SKT,18-14,TIN STRIP	 TE Part # 200336-6 PIN CONT ASSY, SZ 16, TYPE II	 TE Part # 201613-1 CONTACT SOCKET ASSY.	 TE Part # 208718-2 CMC PLUG ASSEMBLY,SZ 14-5

Also in the Series | AMP Circular Plastic Connectors

 Circular Power Connectors(44)	 Connector Backshells(1)	 Connector Caps & Covers(16)	 Connector Seals & Cavity Plugs(35)
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Connector Strain Relief(60)

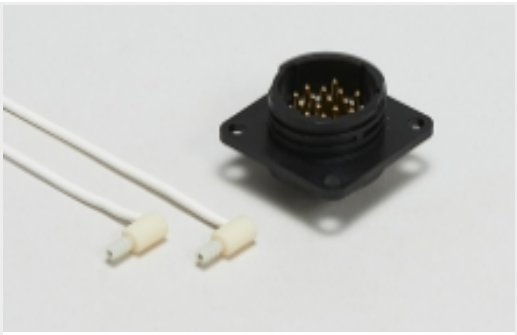


Insertion & Extraction Tools(1)



Power Contacts(6)

Also in the Series | [Metal Shell Circular Plastic Connectors](#)



Circular Power Connectors(44)

Customers Also Bought



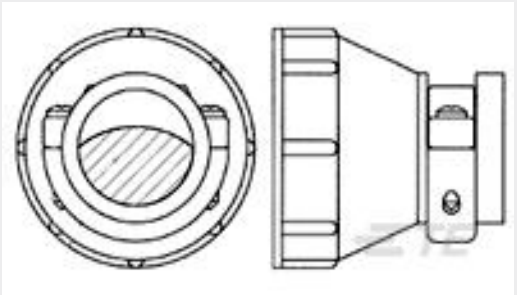
TE Part #DTM06-12SA
PLG, 12P, GRY, N, A



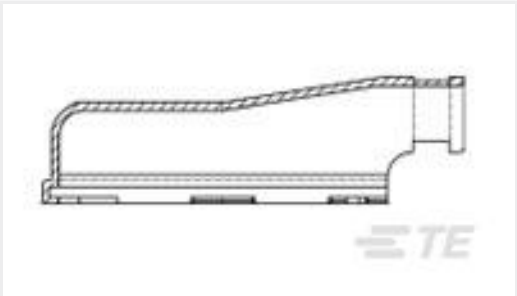
TE Part #208715-1
RECEPT ASSY,SZ 14-7,CMC



TE Part #208719-1
RECEPT ASSY,SZ 14,CPC



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



TE Part #965643-1
ABDECKKAPPE F42P



TE Part #1-967281-1
MICRO-T2/JPT GEH42P

Documents

[Product Drawings](#)
[CMC PLUG ASSEMBLY,SZ 14-7](#)

English

[CAD Files](#)
[3D PDF](#)

English



Customer View Model

[ENG_CVM_208714-2_H.2d_dxf.zip](#)

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Customer View Model

[ENG_CVM_208714-2_H.3d_igs.zip](#)

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3D PDF

3D

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Customer View Model

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English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications Continued](#)

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Product Specifications

[Application Specification](#)

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Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

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