206705-4 ✔ ACTIVE

AMP | AMP Circular Plastic Connectors, Circular Plastic Connectors Series 1

TE Internal #: 206705-4

9 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Sealable, Wire & Cable, Receptacle, Pin, Signal, AMP Circular Plastic Connectors

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **9**

Sealable: **Yes**

Features

Product Type Features

Connector Seal & Plug Type	Peripheral
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	Without
Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	9

Electrical Characteristics

Operating Voltage	600 VAC

Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Current Rating (Max)	13 A
Contact Protection	With

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	3/4 - 20 UNEF-2A
Polarization Code	A
Panel Mount Feature Type	Flange
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	PA 6.6 GF
Circular Connector Shell Size	13

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	Immersion

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Standard

Product Compliance

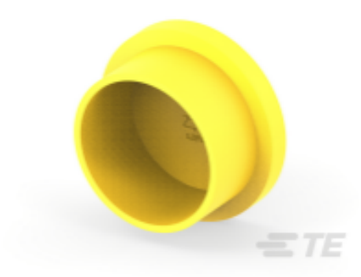
For compliance documentation, visit the product page on TE.com>

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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

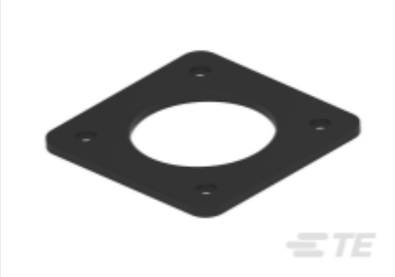
Product Compliance Disclaimer

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 # 2-2407269-4
CAP, CPC, SIZE 13 RECP, YELLOW



TE Part # 81665-4
ECONOSEAL, FLANGE GASKET

TE Part # 2-2407269-2
CAP, CPC, SIZE 13 RECP, BLACK

TE Part # 2-2407269-1
CAP, CPC, SIZE 13 RECP, ORANGE

TE Part # 213485-1
CPC SEALING CAP ASSY SIZE 13

TE Part # 206708-1
CPC PLUG ASSEMBLY SIZE 13-9

TE Part # 211870-2
SEALING CAP ASSY,SZ 13,CPC

TE Part # 2-2407269-3
CAP, CPC, SIZE 13 RECP, RED

TE Part # 54123-1
CPC,13 LONG TUBE

Also in the Series | AMP Circular Plastic Connectors

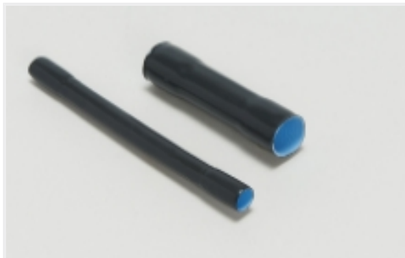
Circular Connector Backshells & Clamps(1)

Circular Power Connectors(211)

Connector Contacts(260)

Connector Hardware(10)

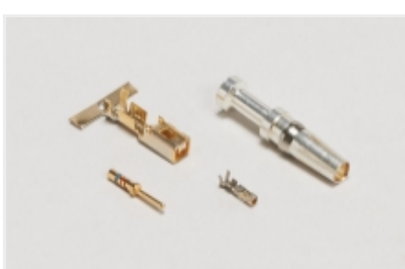
Power Contacts(260)



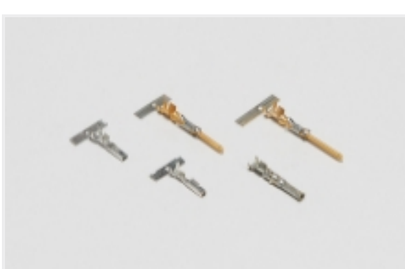
Sealing Sleeves(2)

Also in the Series | Circular Plastic Connectors Series 1

Circular Power Connectors(211)



Connector Contacts(260)

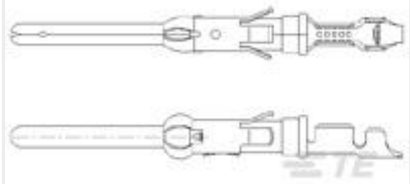


Power Contacts(260)

Customers Also Bought

TE Part #DT06-12SD-CE06
PLG, 12P, BRN, E, SEAL RET, ENH KEY, D

TE Part #T4111401051-000
M12,MALE,STRAIGHT,B CODE,5P, PG7,GOLD



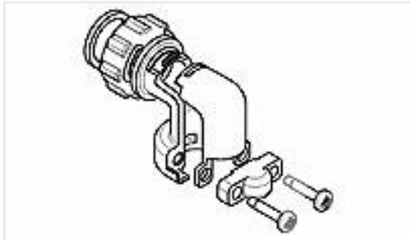
TE Part #163081-7
.062 DIA PIN ASSY 3+

TE Part #206708-1
CPC PLUG ASSEMBLY SIZE 13-9

TE Part #206966-7
CABLE SHELL CLAMP SIZE 13

TE Part #213605-7
5015 PIN,24-20,TIN-LEAD,STRIP

TE Part #323030
SPLICE,SOLIS PARA HR 22-16



TE Part #1546349-2
R/A CABLE CLAMP KIT,SZ 17,CPC

TE Part #1623928-6
CFR16 5% 33K

TE Part #2-1103101-3
HN.D.7.BU.C. 250 V

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_206705-4_AL.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_206705-4_AL.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_206705-4_AL.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

Product Specifications

Connector, Circular Plastic

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English