



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **9**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	3

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	300 VAC

Contact Features

Contact Layout	Matrix
Contact Base Material	Copper Alloy



Contact Current Rating (Max)	7 A
Contact Retention Within Housing	Without
Contact Type	Tab

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	With
PCB Mount Retention	Without
Mating Retention Type	Latch
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Dimensions

Connector Height	17.6 mm[.69 in]
Product Length	29 mm[1.14 in]
Row-to-Row Spacing	4.6 mm[.181 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	500
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Packaging Method

Bag

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 176276-1
AMP UNIVERSAL POWER PLUG 9P



TE Part # 175153-1
UNIV POWER TAB CONT L/P



TE Part # 175149-1
UNIVERSAL POWER CONN TAB



TE Part # 175150-1
UNIVERSAL POWER CONN TAB



TE Part # 175149-2
AMP UNIVE. POWER CONN TAB
CONT

TE Part # 175150-2
AMP UNIVE. POWER CONN TAB
CONT

TE Part # 175153-2
U/P TAB CONT L/P

TE Part # 175154-1
UNIV POWER TAB CONT L/P

TE Part # 175154-2
U/P TAB CONT L/P

TE Part # 176276-4
AMP UNIVERSAL POWER PLUG 9P

TE Part # 176276-2
AMP UNIVERSAL POWER PLUG 9P

TE Part # 176276-9
AMP UNIVERSAL POWER PLUG 9P

TE Part # 175149-3
AMP UNIVERSAL POWER CONN.TAB
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Also in the Series | AMP Universal Power

Connector Contacts(22)

Insertion & Extraction Tools(1)

Rectangular Power Connectors(163)

Customers Also Bought

TE Part #176280-1
UNIV POWER PLUG HSG 18P F/H

TE Part #176275-1
UNIV POWER PLUG HSG 8P F/H

TE Part #176276-1
AMP UNIVERSAL POWER PLUG 9P

TE Part #175155-1
UNIV POWER REC CONT L/P



Documents

Product Drawings
UNIV POWER CAP HSG 9P P/MOUNT
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_176297-1_E.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_176297-1_E.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_176297-1_E.3d_stp.zip
English
3D PDF
English
Customer View Model
ENG_CVM_176297-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_176297-1_A.3d_stp.zip
English
Customer View Model
ENG_CVM_176297-1_A.2d_dxf.zip
English

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

Product Specifications
Crimping of Universal Power Contact
English
Product Specification
Japanese
AMP Universal Power Connector



Japanese

[Instruction Sheets](#)
[AMP UNIVERSAL POWER CONNECTOR SERIES](#)

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

English

[Agency Approvals](#)
[UL Report](#)

English