



AMP

TE Internal #: 1738236-1

Rectangular Connector Housings, Wire-to-Panel, Aluminum, Plug, Pin / Socket, Sealable, Wire & Cable, Power, Panel Mount, -85 – 311 °F [-65 – 155 °C]

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Housing Material: **Aluminum**

Connector & Housing Type: **Plug**

Contact Type: **Pin, Socket**

Sealable: **Yes**

**Features**

**Product Type Features**

Connector System	Wire-to-Panel
Connector & Housing Type	Plug
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Product Type	Housing
Shell Size	1

**Configuration Features**

Number of Cavities	1
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**Electrical Characteristics**

Operating Voltage	500 VDC
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**Contact Features**

Contact Type	Pin, Socket
Contact Current Rating (Max)	7.5 A

**Mechanical Attachment**

Panel Mount	Yes
Connector Mounting Type	Panel Mount

**Housing Features**

Housing Material	Aluminum
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### Dimensions

Height	20.73 mm
Length	55.04 mm
Width	23.44 mm

### Usage Conditions

Operating Temperature Range	-65 – 155 °C[-85 – 311 °F]
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### Operation/Application

Circuit Application	Power
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### Packaging Features

Packaging Quantity	1
Packaging Method	Package

### 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	Not Yet Reviewed
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 2022 (224) Candidate List Declared Against: JUL 2021 (219) 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>



## Documents

### Product Drawings

#### PLUG SHELL W/POLARIZING HDWR

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1738236-1\\_7.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1738236-1\\_7.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1738236-1\\_7.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

#### ARINC 600 Next Generation Receptacle Connector

English