



AMP

TE Internal #: 2157375-1

Standard Circular Connectors, Wire-to-Panel, 8 Position, Reverse Gender, Black Chromium, Copper Alloy, PEEK, .205 mm<sup>2</sup> Wire Size, Size 2

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Panel**  
 Number of Positions: **8**  
 Reverse Gender: **Yes**  
 Shell Plating Material: **Black Chromium**  
 Shell Base Material: **Copper Alloy**

**Features**

**Product Type Features**

Product Type	Connector
Connector System	Wire-to-Panel
Circular Connector Type	Receptacle

**Configuration Features**

Keying	Single Key
Number of Positions	8
Contacts Preloaded	Yes

**Body Features**

Shell Plating Material	Black Chromium
Shell Base Material	Copper Alloy
Circular Connector Insulation Material Type	PEEK

**Contact Features**

Reverse Gender	Yes
Circular Connector Contact Type	Socket

**Mechanical Attachment**

Mating Alignment	With
Mating Alignment Type	Polarization

**Housing Features**



Circular Connector Shell Size	2
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**Dimensions**

Panel Thickness	3 mm[.118 in] .93 in
Wire Size	.205 mm <sup>2</sup>

**Usage Conditions**

Operating Temperature Range	-55 – 125 °C
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**Packaging Features**

Packaging Quantity	10
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**Product Compliance**

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2020 (205) 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	Hand solderable with tin/lead solder

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

[Rcpt,8 Pos,103 Shell,2.5A PCB Cont,Pol1](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2157375-1\\_C\\_c-2157375-1-c.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2157375-1\\_C\\_c-2157375-1-c.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2157375-1\\_C\\_c-2157375-1-c.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[Products for Aerospace and Defense](#)

English