



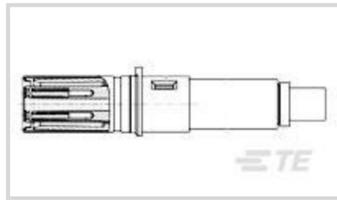
AMP

TE Internal #: 1445693-3

Rack & Panel Contacts, Socket, 8 Shell Size, Quadrax, Length 33.83 mm [1.331 in], Gold, Cable-to-Panel, Sealable, Wire & Cable, Signal

[View on TE.com >](#)

Connectors > PCB Connectors > Backplane Connectors > Rack & Panel Backplane > Rack & Panel Contacts



Contact Type: **Socket**

Rack & Panel Connector Contact Size: **8**

Rack & Panel Connector Contact Style: **Quadrax**

Contact Length: **33.83 mm [ 1.331 in ]**

Contact Mating Area Plating Material: **Gold**

**Features**

**Product Type Features**

Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

**Electrical Characteristics**

Impedance	100 Ω
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**Body Features**

Contact Removal Style	Rear Release/Rear Remove
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**Contact Features**

Contact Orientation	Straight
Crimp Type	Hex
Contact Base Material	Copper
Contact Type	Socket
Rack & Panel Connector Contact Size	8
Rack & Panel Connector Contact Style	Quadrax
Contact Length	33.83 mm[1.331 in]
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1 A

**Termination Features**

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Termination Method to Wire & Cable	Crimp
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**Mechanical Attachment**

Contact Retention Type Within Housing	Retention Clip
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**Dimensions**

Wire Size	24 AWG
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**Usage Conditions**

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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**Operation/Application**

Circuit Application	Signal
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**Identification Marking**

Contact Color Code	Blue
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**Packaging Features**

Packaging Method	Package
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**Other**

Comment	Used with Quadrax rectangular connectors.
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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
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224)                  Candidate List Declared Against: JUNE 2022 (224)                  SVHC &gt; Threshold:                  Pb (3.7% in Component)</p> <p><b>Article Safe Usage Statements:</b>                  Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not applicable for solder process capability
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**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



## Documents

### Product Drawings

[SOCKET CONTACT,QUADRAX,SZ8,RR](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1445693-3\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1445693-3\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1445693-3\\_M.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[DEUTSCH MIL-DTL-38999 CIRCULAR CONNECTORS](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

1445693-3

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Gold, Cable-to-Panel, Sealable, Wire & Cable, Signal



## TE Material Declaration

English