



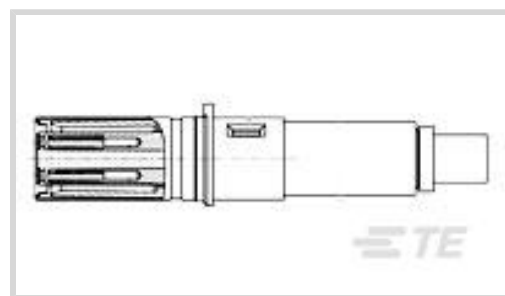
AMP

TE Internal #: 1445693-4

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 |
|-----------|-------|

Body Features

| | |
|-----------------------|--------------------------|
| Contact Removal Style | Rear Release/Rear Remove |
|-----------------------|--------------------------|

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

| | |
|--|--|
| | |
|--|--|



| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|---------------------------------------|----------------|
| Contact Retention Type Within Housing | Retention Clip |
|---------------------------------------|----------------|

Dimensions

| | |
|-----------|--------|
| Wire Size | 24 AWG |
|-----------|--------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 125 °C[-85 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Identification Marking

| | |
|--------------------|------|
| Contact Color Code | Blue |
|--------------------|------|

Packaging Features

| | |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

Other

| | |
|---------|---|
| Comment | Customer marking, see drawing., Used with Quadrax rectangular connectors. |
|---------|---|

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: JUNE 2022 (224) SVHC > Threshold: Pb (3.7% in Component) |
|--|---|

Article Safe Usage Statements:
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.

| | |
|-----------------|--------------------------------------|
| Halogen Content | Not Yet Reviewed for halogen content |
|-----------------|--------------------------------------|

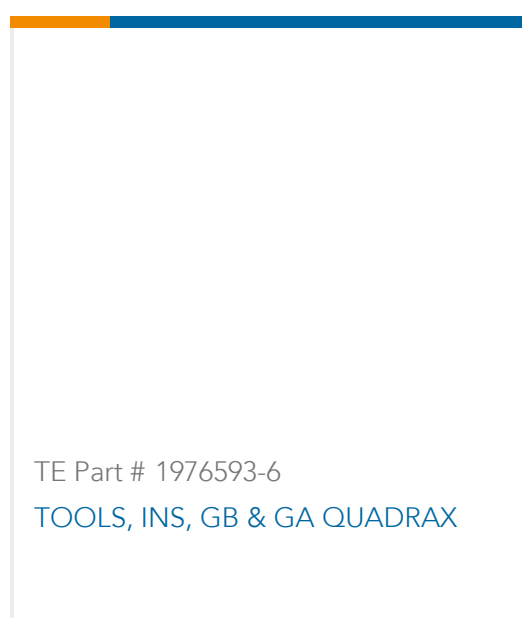
| | |
|---------------------------|--|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|--|

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



Documents

Product Drawings

[BACC47GB1 - SCKT CONTACT,QUADRAX,SZ8,RR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1445693-4_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1445693-4_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1445693-4_M.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English