1445692-1 ✔ ACTIVE

[AMP]( ) | [AMP Quadrax]( )
TE Internal #: 1445692-1
Rack & Panel Contacts, Pin, 8 Shell Size, Quadrax, Length 31.37 mm
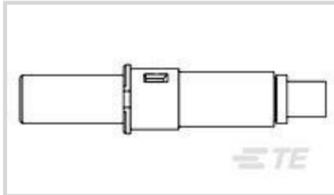[1.235 in], Gold, Cable-to-Panel, Wire & Cable, Signal, AMP
Quadrax

[View on TE.com >]( )

Contact Type: **Pin**

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

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

Contact Length: **31.37 mm [1.235 in]**

Contact Mating Area Plating Material: **Gold**

Features

Product Type Features

Compatible With RF Cable Type	Tensolite NF24Q100
Connector System	Cable-to-Panel
Sealable	No
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	Pin
Rack & Panel Connector Contact Size	8
Rack & Panel Connector Contact Style	Quadrax
Contact Length	31.37 mm[1.235 in]
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	1 A

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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	None

Packaging Features

Packaging Method	Package

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 Part) **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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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

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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 # EK5226-000 THX-24C422-814-6X	TE Part # EG4877-000 THX-24C422-814-X	TE Part # EH9008-000 THX-24C422-424-0	TE Part # 1976924-1 TOOL, PLIERS, QUADRAX
TE Part # EK4508-000 3EQ-22C222-32M-9	TE Part # EK4509-000 3EQ-24C222-32M-9	TE Part # EK4510-000 3EQ-26C422-32M-9	TE Part # EK3281-000 CBS-24CN21-41M-9
TE Part # CW8337-000 THX-24C112-811-0	TE Part # EG2662-000 THX-24C112-818-0	TE Part # EF5902-000 THX-24C422-414-6X	TE Part # EF8168-000 THX-24C422-424-9
TE Part # EL7102-000 THX-24C422X414B-4X	TE Part # CZ9707-000 THX-26C422-414-6X	TE Part # EK0442-000 THX-26C422-814-0	TE Part # EK0443-000 THX-26C422-814-6X

Rack & Panel Contacts, Pin, 8 Shell Size, Quadrax, Length 31.37 mm [1.235 in], Gold, Cable-to-Panel, Wire & Cable, Signal, AMP Quadrax

TE Part # EK0441-000
THX-26C422-814-X

TE Part # 1976923-1
KIT, JAW (GB SOCKET)

TE Part # 1976923-2
KIT, JAW (GA PIN)

Also in the Series | AMP Quadrax

Other Rack & Panel Accessories(2)

Rack & Panel Connectors(68)

Rack & Panel Contacts(20)

Rectangular Boots & Strain Relief(1)

Documents

Product Drawings
ASY,PIN,QUADRAX

English

CAD Files
3D PDF

3D
Customer View Model
ENG_CVM_CVM_1445692-1_M.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1445692-1_M.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1445692-1_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

Application Specification

English