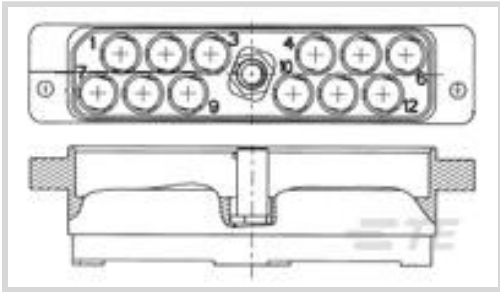




Connectors > PCB Connectors > Backplane Connectors > Rack & Panel Backplane > Rack & Panel Connectors



Connector Shape: **Rectangular**  
Connector Product Type: **Housing Assembly**  
Connector & Housing Type: **Receptacle**  
Connector System: **Cable-to-Panel**  
Number of Positions: **12**

Features

Product Type Features

Connector Shape	Rectangular
Connector Product Type	Housing Assembly
Connector & Housing Type	Receptacle
Connector System	Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Release Style	Front
Number of Positions	12

Body Features

Shell Plating Material	Nickel
Connector & Keying Code	A

Contact Features

Contact Size	Size 8
Rack & Panel Connector Contact Style	Quadrax
Contact Type	Socket
Contact Current Rating (Max)	1 A

Mechanical Attachment



Mating Alignment Type	Polarization
Mating Alignment	With
Panel Mount Feature Type	Flange with Mounting Holes
Connector Mounting Type	Board Mount

Usage Conditions

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

Circuit Application	Signal
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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	Out of Scope
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 2023 (235) 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 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 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>

Also in the Series | AMP Quadrax



Connector Caps & Covers(1)

Other Rack & Panel Accessories(2)

Rack & Panel Connectors(68)

Rack & Panel Contacts(20)

Customers Also Bought

TE Part #54774-1  
PG R 22-16COM22-18MIL 6-8-10

TE Part #102128-2  
MOD V RECP LP

TE Part #1586315-4  
VAL-U-LOK SKT PHBZ AU 24-18 LP

TE Part #YDTS26W11-35SNV001  
PLUG ASSY

TE Part #YDTS20W17-99SNV001  
RECP ASSY

TE Part #YDTS26W09-35PNV001  
PLUG ASSY

TE Part #1-208597-2  
CONN ASY PLUG SZ 1 TYPE 600

TE Part #ES2050404BGM  
ES2050404BGM=RELAY

TE Part #654557N001  
D-436-0185CS1102

Documents

Product Drawings  
ASY,RCPT,PWB MT,12 POS  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1604798-2\_L.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1604798-2\\_L.3d\\_igs.zip](#)

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Customer View Model

[ENG\\_CVM\\_CVM\\_1604798-2\\_L.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[Quadrax Contacts, Connectors and Cables Brochure](#)

English

Product Specifications

[Application Specification](#)

English