

1-829822-0 ✓ ACTIVE

AMPMODU | OEG Miniature Relay PCF

TE Internal #: 1-829822-0

PCB Mount Header, Vertical, Board-to-Board, 20 Position, 2.54 mm

[.1 in] Centerline, Breakaway, Gold, Through Hole - Solder, OEG

Miniature Relay PCF

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Board-to-Board**

Number of Positions: **20**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Breakaway
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	20
Number of Rows	2
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Green
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Contact Features

Contact Underplating Material Thickness	1.27 μ m[50 μ in]
Contact Shape & Form	Square
Contact Underplating Material	Nickel
Contact Base Material	Copper Tin



Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.8 μm [31.5 μin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment	Without
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	PBTP

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	27.3 mm[1.07 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Type	Carton
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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	Compliant
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 2022 (224)



Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Wave solder capable to 265°C

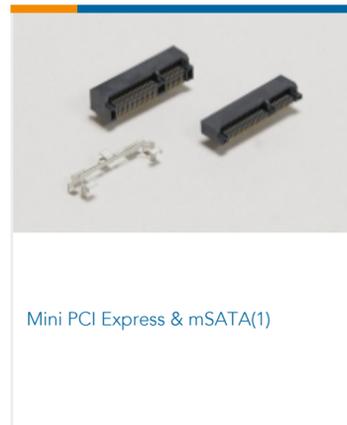
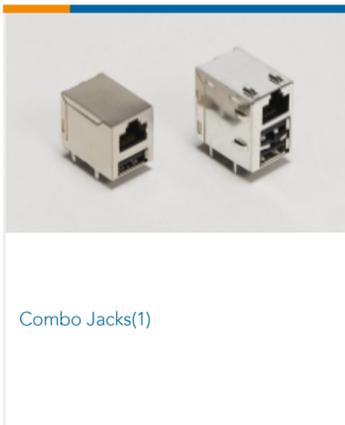
Product Compliance Disclaimer

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



Also in the Series | OEG Miniature Relay PCF





RF Connectors(1)



RJ14 Connectors(2)



RJ22 Connectors(2)



RJ25 Connectors(8)



RJ45 Connectors(70)



Wire-to-Board Connector Contacts(1)

Documents

Product Drawings

[2X10P MOD2 STIFTLEI](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-829822-0_O1.2d_dxf.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1-829822-0_O1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-829822-0_O1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMPMODU Interconnection System](#)

[AMPMODU Interconnection System](#)

English