3-216446-2 × OBSOLETE

OEG Miniature Relay PCF

TE Internal #: 3-216446-2

TE Internal Description: 6/4 PCB MOD.JACK BE

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ14 Connectors







Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Connector Profile: **Low**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Cable-to-Board
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack

Configuration Features

Number of Positions	6
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
PCB Mount Orientation	Vertical
Number of Loaded Positions	4

Body Features

Connector Profile	Low
Modular Jack Latch Orientation	Standard - Latch Down

Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.79 mm[.11 in]

Mechanical Attachment

Panel Mount Feature	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1.02 mm[.04 in]
Mating Entry Location	Bottom
Housing Color	Black
Housing Material	Nylon

Dimensions

PCB Thickness (Recommended)	1.6 mm[.062 in]
Connector Height	12 mm[.472 in]

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

Performance Category	Cat 3
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Box, Loose Piece
Packaging Quantity	500

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 2025 (250) Candidate List Declared Against: JAN 2022 (223) 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

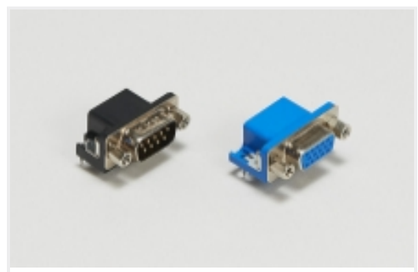
Also in the Series | OEG Miniature Relay PCF



Combo Jacks(1)



Mini PCI Express & mSATA(1)



PCB D-Sub Connectors(1)



RJ14 Connectors(1)



RJ22 Connectors(1)

Customers Also Bought



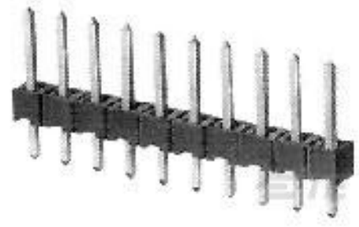
TE Part #DRC22-50P01
HDR, 50P, BLK, ST, AU/NI/CU, 01



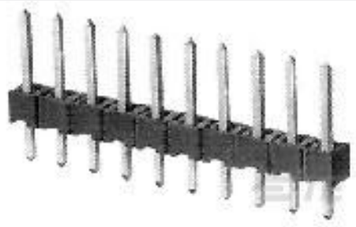
TE Part #1-207303-4
CPC RECPT ASSM SIZE 17-16



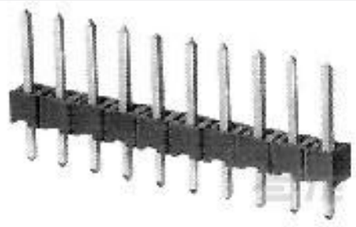
TE Part #1-208223-1
CPC RCPT ASSEMBLY SIZE 13-9



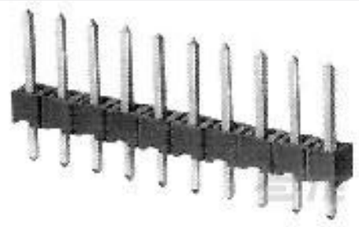
TE Part #825433-4
MOD 2 PINHDR 1X4 P.



TE Part #825433-6
MOD II SR HDR ASSY 6 POS



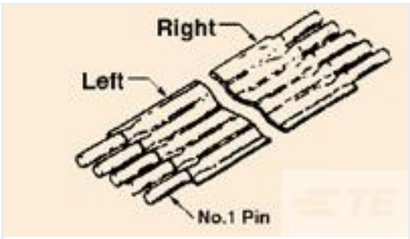
TE Part #825433-7
MOD 2 PINHDR 1X7 P.



TE Part #825433-9
MOD 2 PINHDR 1X9 P.



TE Part #825437-8
MOD 2 PINHDR 1X08P.



TE Part #9-6447163-9
FSN-11A-10



TE Part #G-MRCO-028
CO KMZ10CM SOT-4W LINEAR ANALOG

Documents

Product Drawings

6/4 PCB MOD.JACK BE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-216446-2_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-216446-2_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-216446-2_J.3d_stp.zip

English

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Agency Approvals

UL Report

English