1888653-1 ✔ ACTIVE

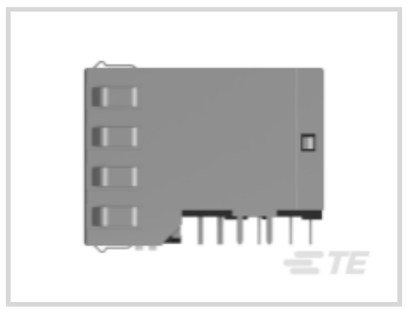
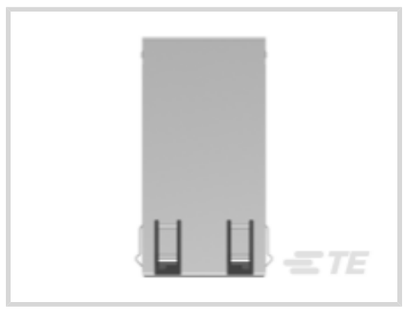
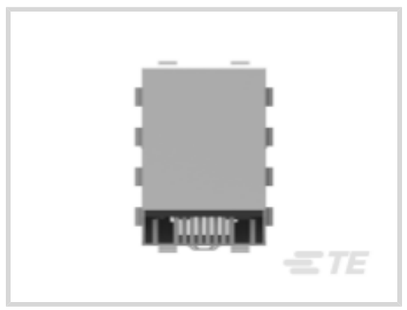
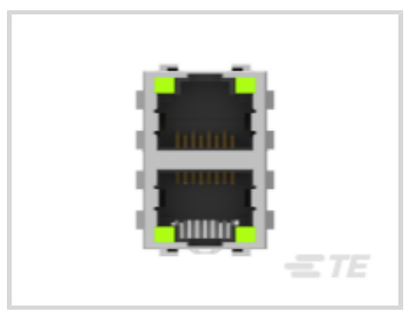
OEG Miniature Relay PCF

TE Internal #: 1888653-1

RJ45 Connector, Multiple Ports, 2 x 1, Standard Connector Contact Density, Jack, Shielded, Cat 5e, Standard - Latch Down, OEG Miniature Relay PCF

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ45 Connectors

Modular Jack & Plug Interface Type: **RJ45**

Port Configuration: **Multiple Ports**

Port Matrix Configuration: **2 x 1**

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

Connector Contact Density: **Standard**

Features

Product Type Features

Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	PCB and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Port Configuration	Multiple Ports
Port Matrix Configuration	2 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle
Number of PCB Ground Tabs	4

Panel Ground Location	Top and Side
Number of Panel Ground Tabs	12
Multiple Port Configuration	Stacked

Operation/Application

Shielded	Yes
Circuit Application	Signal
Indicator Type	LED

Industry Standards

Performance Category	Cat 5e
UL Flammability Rating	UL 94V-0

Body Features

Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Offset - Overhangs PCB
LED Color (Bottom Left)	Green
LED Color (Bottom Right)	Green
Grounding Tab Plating Material	Tin over Copper
Shield Plating Material	Tin over Nickel
Shield Material	Copper Alloy
LED Color (Top Right)	Green
LED Color (Top Left)	Green

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	4.14 mm[.163 in]

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black
Housing Material	PBT Polyester

Contact Features

Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze

Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin

Mechanical Attachment

Connector Mounting Type	Panel Mount, Board Mount
Panel Mount Feature	Without

Dimensions

Connector Height	3.27 mm[.129 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Packaging Features

Packaging Method	Tray
Packaging Quantity	45

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

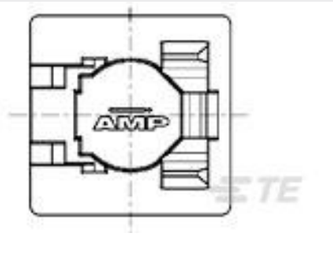
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



TE Part # 188729-1
8P.COVER/SOLD.STOP

TE Part # 1521003-2
CAT 5E CABLE ASSY, 8 POS RJ45

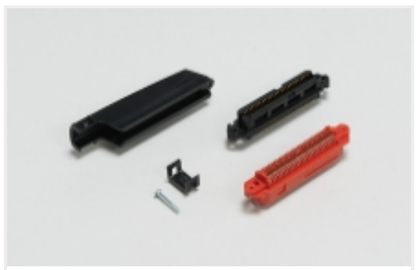
Also in the Series | OEG Miniature Relay PCF



Combo Jacks(1)



Connector Contacts(1)



IDC D-Sub Connectors(1)



Mini PCI Express & mSATA(1)

RJ14 Connectors(2)

RJ22 Connectors(1)

RJ25 Connectors(8)

RJ45 Connectors(68)

Customers Also Bought



TE Part #2-1462037-7
IM06TS=IM RELAY 140mW 12V



TE Part #6469081-1
HMZD 3PR, RECEPTACLE ASSEMBLY



TE Part #2013499-1
MICRO USB, TYPE B



TE Part #2065769-1
Zd Plus 2 pair receptacle assy



TE Part #5223961-1
TE UPM R/A Header 3P STD Power, LLL



TE Part #2065657-1
zd Plus, 4 pair, receptacle assy



TE Part #1-480702-0
04P UMNL PLUG HSG NATL



TE Part #164161-9
.062 PIN ASSY.3+

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1888653-1_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1888653-1_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1888653-1_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Solutions for AdvancedTCA, AdvancedTCA 300, MicroTCA, and AdvancedMC Standards Datasheet 3-1773445-8

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English