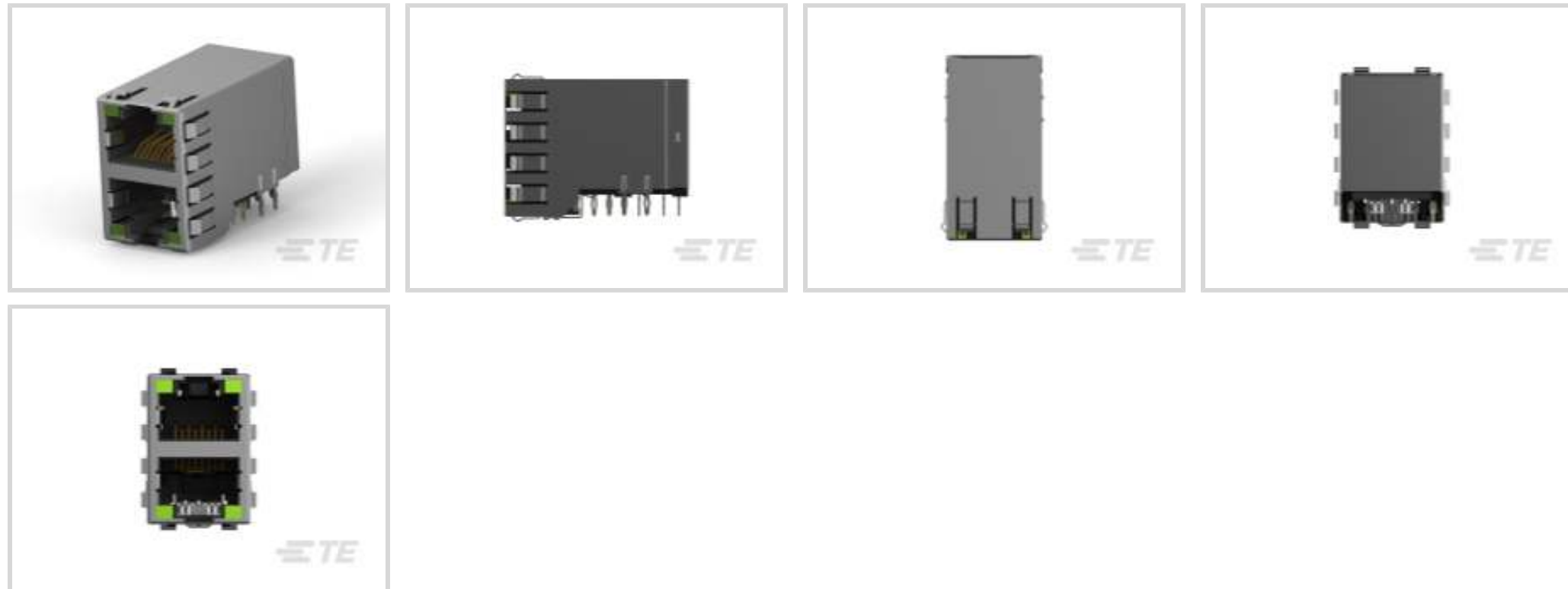# 1888653-2 ✓ ACTIVE

OEG Miniature Relay PCF

TE Internal #: 1888653-2

RJ45 Connectors, RJ45, Multiple Ports, 2 x 1, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Shielded, 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

Connector Product Type	Connector Assembly
Ground Feature Type	Grounding Clips
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

Configuration Features

Status Indicator Type	LED
Number of PCB Ground Tabs	4
Multiple Port Configuration	Stacked
Port Configuration	Multiple Ports
Port Matrix Configuration	2 x 1
Connector Contact Density	Standard

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Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

Body Features

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

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	.38 μm[15 μin]

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	45
Packaging Method	Tray

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

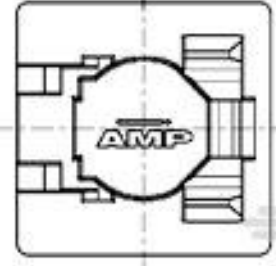| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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

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RJ45 Connectors, RJ45, Multiple Ports, 2 x 1, RJ Type Jacks & Plugs, Standard
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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

Coax Connectors(1)

Combo Jacks(1)

IDC D-Sub Connectors(1)

Mini PCI Express & mSATA(1)

RJ14 Connectors(2)

RJ22 Connectors(1)

RJ25 Connectors(9)

RJ45 Connectors(69)

Wire-to-Board Connector Contacts(1)

Customers Also Bought

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RJ45 Connectors, RJ45, Multiple Ports, 2 x 1, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Shielded, OEG Miniature Relay PCF

TE Part #1871058-1
PCI EXPRESS CONN. EON TYPE, 36P, L=2.0

TE Part #2-1926739-5
AssyMinipak Hdl25s10pRARecptSc

TE Part #1775485-1
Battery Holder, 3.6mm, BLK,low profile

TE Part #1-2324271-3
RIGHT SEGMENT LGA4189-4 SOCKETP4 FOR ODM

TE Part #2-2330550-2
SOCKET P4 BOLSTER PLATE ASSY, W/ COVER

TE Part #2-2176397-5
3502 10R 1%

TE Part #3-644540-4
04P MTA100 CONN ASSY F/T W/LCK

TE Part #1-2324271-4
LEFT SEGMENT LGA4189-4 SOCKET-P4 FOR ODM

TE Part #2-2330552-2
ICX POINT PHM CARRIER ASSY, P4

TE Part #2362764-2
MATENET,CABLE ASSY,1 GBPS UTP

Documents

CAD Files
3D PDF

3D

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

English

Customer View Model
ENG_CVM_CVM_1888653-2_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1888653-2_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

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RJ45 Connectors, RJ45, Multiple Ports, 2 x 1, RJ Type Jacks & Plugs, Standard
Connector Contact Density, Jack, Shielded, OEG Miniature Relay PCF

Application Specification

English

Agency Approvals

UL Report

English