1888653-5 ✓ ACTIVE

OEG Miniature Relay PCF

TE Internal #: 1888653-5

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
Panel Ground Location	Sides
Number of PCB Ground Tabs	4
Number of Panel Ground Tabs	12
Multiple Port Configuration	Stacked
Port Configuration	Multiple Ports

1888653-5

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

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

Signal Characteristics

Data Rate	1000 Mb/s

Body Features

LED Color (Top Left)	Green
LED Color (Bottom Left)	None
LED Color (Top Right)	Yellow
Insulator Material	Thermoplastic Polyester
Shield Plating Finish	Tin
LED Color (Bottom Right)	None
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

PCB Contact Termination Area Plating Material Finish	Matte
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

1888653-5

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

PCB Mount Retention Type	SMT Hold Down - Press-Fit
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

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	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 2023 (235) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

1888653-5

RJ45 Connectors, RJ45, Multiple Ports, 2 x 1, RJ Type Jacks & Plugs, Standard Connector Contact Density, Jack, Shielded, OEG Miniature Relay PCF
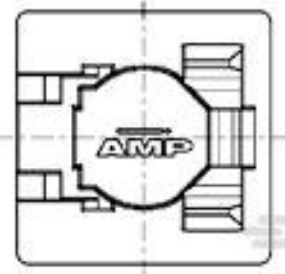
Solder Process Capability   Not applicable for solder process capability

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
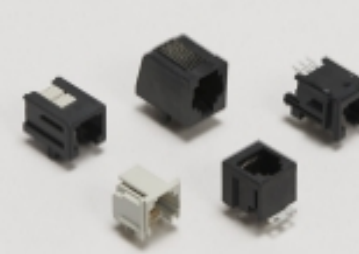
Coax Connectors(1)

Combo Jacks(1)

IDC D-Sub Connectors(1)

Mini PCI Express & mSATA(1)
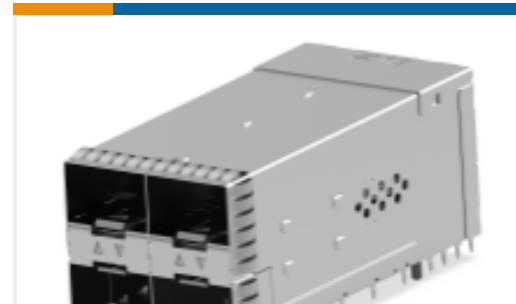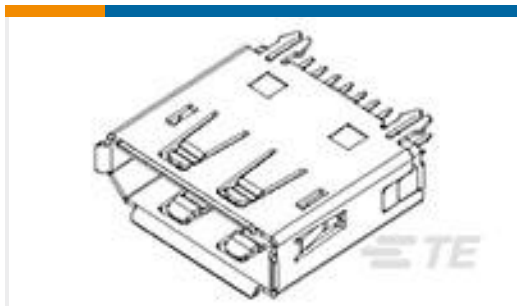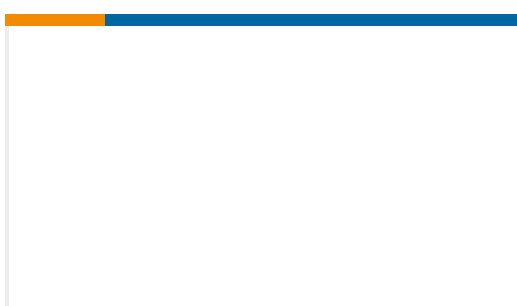
RJ14 Connectors(2)

RJ22 Connectors(1)

RJ25 Connectors(8)

RJ45 Connectors(69)

1888653-5

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

Wire-to-Board Connector Contacts(1)

Customers Also Bought

TE Part #1-6609107-7
PS0S0SS60=C1044

TE Part #5787394-7
68 50SR R/A RCPT ASSY, LD FREE

TE Part #2343522-7
SFP56 STACKED 2X2 RECEPTACLE
ASSEMBLY

TE Part #2170703-7
CAGE ASSEMBLY, QSFP28 1X1,
SPRING

TE Part #2041441-2
DP 20P V/T DIP 15u" Au, 2.5 tails

TE Part #1-84533-6
1.25MM FFC POST PLATED H 16P

TE Part #214782-E
EPSVA KS GDM4 EE 10 3,8 SN *
STROMVERSOR

TE Part #2350231-6
SFP28 STACKED 2X1 RECEPTACLE
ASSEMBLY

TE Part #2350231-7
SFP28 STACKED 2X1 RECEPTACLE
ASSEMBLY

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1888653-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1888653-5_C.3d_igs.zip

1888653-5

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

English

Customer View Model

ENG_CVM_CVM_1888653-5_C.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Offset Stacked Modular Jack with LED_s, Category 5

English

Agency Approvals

UL Report

English