2201061-1 ✔ ACTIVE

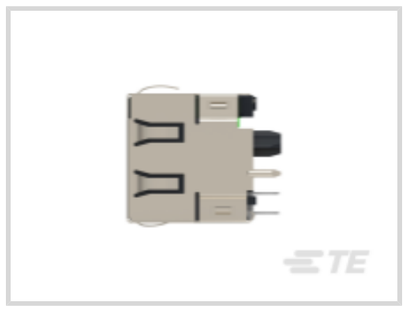
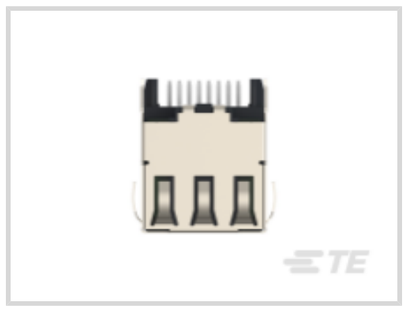
Industrial RJ45 IP20

TE Internal #: 2201061-1

RJ45 Connector, Single Port, 1 x 1, Jack, Shielded, Cat 5e, Inverted - Latch Up, 8 Position, Standard Profile, Industrial RJ45 IP20

View on TE.com >

Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

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

Connector Contact Density: **Standard**

Features

Product Type Features

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

Configuration Features

Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Vertical

Body Features

Shield Plating Material	Nickel
Shield Plating Finish	Semi-Bright
Shield Material	Phosphor Bronze
LED Color (Top Right)	Clear
LED Color (Top Left)	Clear
Modular Jack Latch Orientation	Inverted - Latch Up
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3 mm[.118 in]

Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	17.83 mm[.709 in]

Usage Conditions

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

Operation/Application

Indicator Type	No Indicator
Shielded	Yes
Circuit Application	Signal

Industry Standards

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

Packaging Features

Packaging Quantity	230
Packaging Method	Box & Tray, 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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°C

Product Compliance Disclaimer

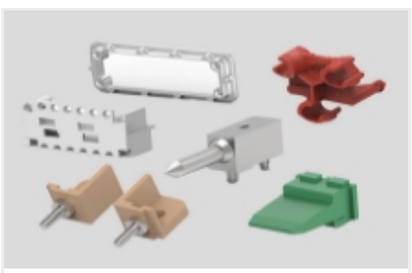
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

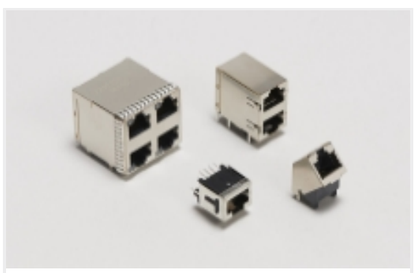


TE Part # 2120892-1
RJ45 CONNECTOR CAT6A, IP20 PLUG

Also in the Series | Industrial RJ45 IP20



Connector Hardware(1)



RJ45 Connectors(9)

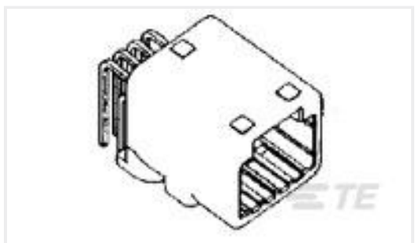
Customers Also Bought



TE Part #1-175196-5
DYNAMIC D-3 REC CONT/L PRE-TIN



TE Part #CAT-D9934-A75F
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #1376350-2
025 I/O CAP HSG ASSY 8P



TE Part #1625861-3
RH73 2A 1G 30% 500PPM 1K RL



TE Part #1-1827876-2
DYNAMIC 1200D HDR ASSY H 4P X BLACK GOLD



TE Part #1871744-1
DYNAMIC D1000 REC CONT L PRE TIN L/P



TE Part #2-5767004-2
MICTOR RECEPT ASSY, 38 POS.

TE Part #1-919723-7
BLADE, TRIM SINGLE(MAG-MATE IN

Documents

Product Drawings

RJ45 MODULAR JACK ASSY V 8P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2201061-1_A_c-2201061-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2201061-1_A_c-2201061-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2201061-1_A_c-2201061-1-a.3d_stp.zip

English

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

Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

Japanese

M8 / M12 Connector System Catalog

English

Product Specifications

Product Specification

Japanese