203212-E ✔ ACTIVE

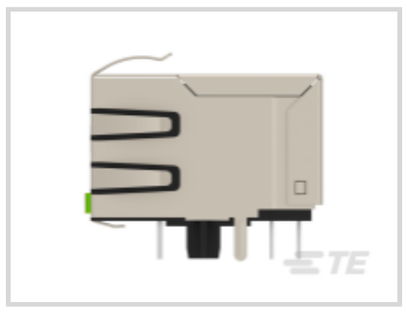
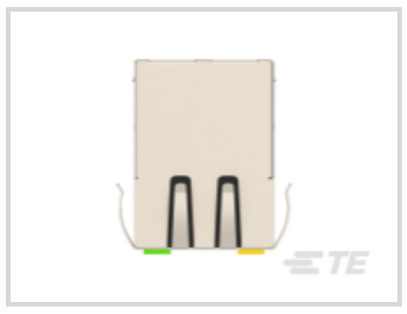
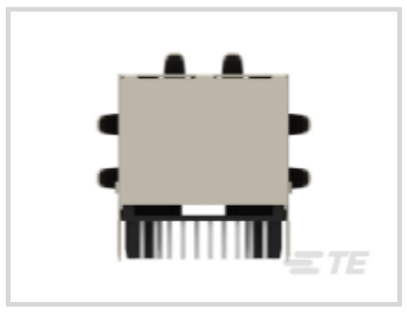
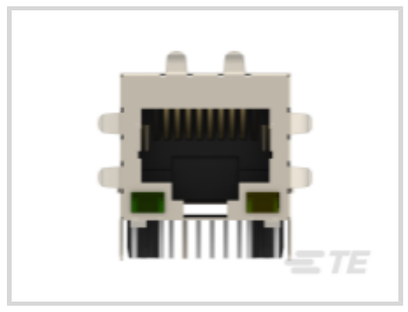
ERNI

TE Internal #: 203212-E

RJ45 Connector, Single Port, 1 x 1, Jack, Shielded, Standard - Latch Down, 8 Position, Standard Profile, Through Hole - Solder, Right Angle

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
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	Right Angle

Signal Characteristics

Data Rate	1 Gb/s

Body Features

LED Color (Bottom Left)	Green
LED Color (Bottom Right)	Yellow
Shield Plating Material	Nickel
Shield Material	Copper Alloy
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Standard

Contact Features

PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Current Rating (Max)	.2 A
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.05 mm[.12 in]

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	Polyester GF

Dimensions

Connector Height	13.63 mm[.54 in]

Usage Conditions

Operating Temperature Range	0 – 70 °C[32 – 158 °F]

Operation/Application

Indicator Type	LED
Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tube

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

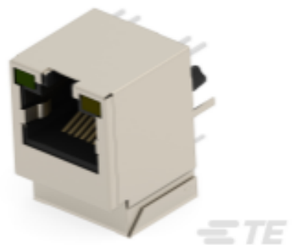
Compatible Parts



TE Part # 1987328-1
RJ45 COMMON CORE, 4x2 POS.



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



TE Part # 203318-E
MJIM IM 1X1 S 810 GF5 X R THRU * L1A M6A



TE Part # 2383216-1
RJ45 FIELD INSTALLABLE CABLE CONN.

TE Part # 1554260-1
DUST CAP

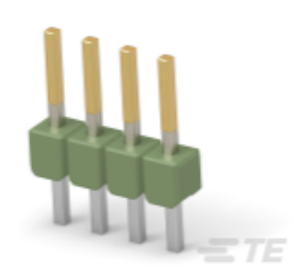
Customers Also Bought



TE Part #3-794634-4
04P MICRO MNL ASSY,VRT,SMT LF



TE Part #4-794634-2
12P MICRO MNL ASSY,VRT,SMT LF



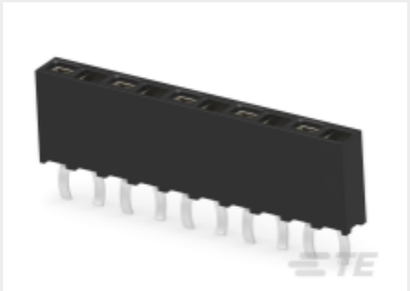
TE Part #5-966443-4
4 POS. MOD II PIN HDR, SGL ROW



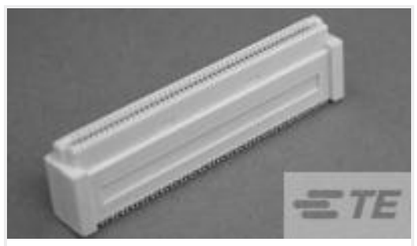
TE Part #5-966444-4
4P HV100 REC CON, SGL ROW, NON MAGNETIC



TE Part #5-966444-6
6P HV100 REC CON, SGL ROW, NON MAGNETIC



TE Part #6-966444-0
10P HV100 REC CON, SGL ROW, NON MAGNETIC



TE Part #5084616-5
0.8FH,R13H.5,120,08/Sn,TR,SC



TE Part #5406435-1
MJ,LPF,R/A,6P,SHLD,PCB GRD



TE Part #5745396-2
HD-20 RCPT 15P RA 318 FFSCRLK

TE Part #153265-E
USB MUSB-4V-P-HT 4 * * J 3 153899

Documents

Product Drawings

MJIM IM 1X1 S 810 GF5 X R THRU * L2A M5B

English

CAD Files

Customer View Model

ENG_CVM_CVM_203212-E_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_203212-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_203212-E_1.2d_dxf.zip

English

3D PDF

3D

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

Product Specifications

Application Specification

English