

1903526-1 ✓ ACTIVE



Industrial RJ45 IP20

TE Internal #: 1903526-1

RJ45 Connectors, Circular RJ45, Single Port, RJ Type Jacks & Plugs,
Standard Connector Contact Density, Plug, Shielded, Cat 5,
Industrial RJ45 IP20

[View on TE.com >](#)

Connectors > Modular Jacks & Plugs > RJ45 Connectors



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

Port Configuration: **Single Port**

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

Connector Contact Density: **Standard**

Modular Connector Style: **Plug**

Features

Product Type Features

Modular Jack & Plug Interface Type	Circular RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Plug
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Status Indicator Type	None
Port Configuration	Single Port
Connector Contact Density	Standard
Number of Positions	4
Number of Loaded Positions	4

Body Features

Shield Plating Material	Nickel
Shield Material	Copper Alloy

Contact Features



Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Housing Material	Nylon, Polycarbonate
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Usage Conditions

Operating Temperature Range	-40 – 70 °C[-40 – 158 °F]
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Operation/Application

Shielded	Yes
Circuit Application	Signal

Industry Standards

IP Rating	IP20
Performance Category	Cat 5

Packaging Features

Packaging Quantity	1
Packaging Method	Box & Tray, Tray

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) 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 # 1987306-1
ASSY, FRAME, RJ45 CONNECTOR IP



TE Part # 2301994-4
RJ45 JACK INT.MAG. 10/100 1X1

Also in the Series | Industrial RJ45 IP20



Circular Ethernet Hardware(1)



PCB D-Sub Connectors(1)



RJ45 Connectors(8)

Customers Also Bought



TE Part #175289-2
DYNAMIC D-3 TAB CONT. L AU 0.38 L /P



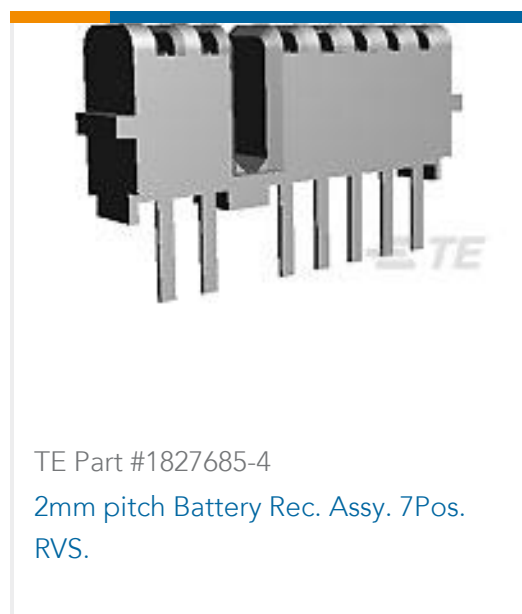
TE Part #6609066-1
3AYO1=F7691 S0



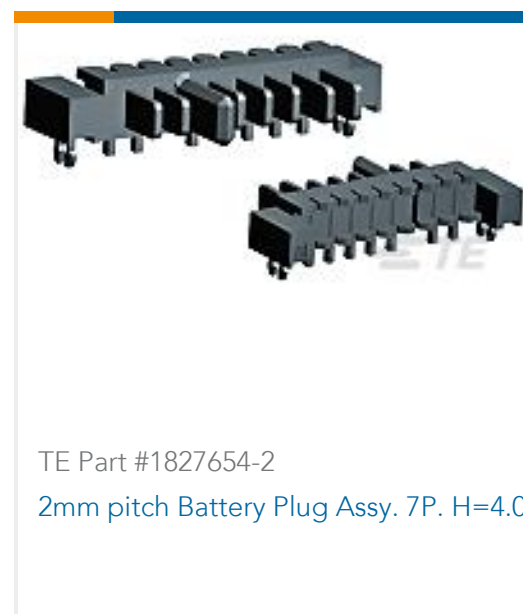
TE Part #TAD14747101-002
M12D4-MS-MS-FRNC TYPE B GREEN-1.0M



TE Part #175855-1
DYNAMIC KEYING PLUG FOR REC 1.0M



TE Part #1827685-4
2mm pitch Battery Rec. Assy. 7Pos.
RVS.



TE Part #1827654-2
2mm pitch Battery Plug Assy. 7P. H=4.0



TE Part #2-1393225-3
RY612005



TE Part #1-200833-1
SERIES "M" GUIDE PIN ST. STL.



TE Part #1-213806-0
SOCKET ASY,RA,M SRS LF



TE Part #2271500-1
34 PLUG KIT,M-SER,CC,JS,W/HOOD

Documents

Product Drawings

[IE RJ45 CONNECTOR IP20 4POS 180DEG](#)

Japanese

CAD Files

Customer View Model

[ENG_CVM_CVM_1903526-1_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1903526-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1903526-1_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[INDUSTRIAL_ETHERNET_PRODUCTS](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

Japanese



Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English