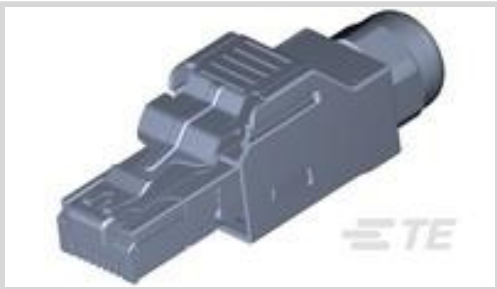




Connectors > Modular Jacks & Plugs > Circular RJ45 Connectors



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

Connector Contact Density: **Standard**

Modular Connector Style: **Plug**

Shielded: **Yes**

Performance Category: **Cat 5e**

Features

Product Type Features

Connectors & Connector Components Type	Connector
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Plug
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable
Compatible With Discrete Wire Type	Stranded

Configuration Features

Wiring Pattern	RJ45
Compatible With Wire & Cable Type	Discrete Wire
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8

Body Features

Shield Plating Material	Nickel
Shield Material	Copper Alloy
Case Material	Polycarbonate

Contact Features

Contact Mating Area Plating Material	Gold over Nickel
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Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A

Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Housing Material	Nylon, Polycarbonate
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Dimensions

Wire Size	.12 – .15 mm ² , .129 mm ²
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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 5e

Packaging Features

Packaging Method	Box & Tray, Tray
Packaging Quantity	1

Other

Cable Entry	Straight
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed



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 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 # 2-2205133-3 CA MINI IO TYPE I IND RJ45	 TE Part # 2-2205133-2 CA MINI IO TYPE I IND RJ45	 TE Part # 1987306-1 ASSY, FRAME, RJ45 CONNECTOR IP	 TE Part # 2-2205130-4 CA MINI IO TYPE II PIGTAIL
 TE Part # 2-2205130-5 CA MINI IO TYPE II PIGTAIL	 TE Part # 2-2205130-6 CA MINI IO TYPE II PIGTAIL	 TE Part # 2-2205131-4 CA MINI IO MINI IO TYPE I	 TE Part # 2-2205133-1 CA MINI IO TYPE I IND RJ45
 TE Part # 2-2205133-4 CA MINI IO TYPE I IND RJ45	 TE Part # 2-2205133-5 CA MINI IO TYPE I IND RJ45	 TE Part # 2-2205133-6 CA MINI IO TYPE I IND RJ45	 TE Part # 2301994-4 RJ45 JACK INT.MAG. 10/100 1X1





TE Part # 2-2205131-1
CA MINI IO MINI IO TYPE I



TE Part # 2-2205131-2
CA MINI IO MINI IO TYPE I



TE Part # 2-2205131-3
CA MINI IO MINI IO TYPE I



TE Part # 2229737-1
MINI I/O PIERCING TYPE HAND TOOL

Also in the Series | Industrial RJ45 IP20



Circular Ethernet Hardware(1)



Circular RJ45 Connectors(5)



PCB D-Sub Connectors(1)



RJ45 Connectors(3)

Customers Also Bought



TE Part #1-1903128-3
DYNAMIC 1100 REC AND TAB HSG



TE Part #1-1879071-5
Power Resistor: Aluminum Housed, 75 Watt



TE Part #1-111196-9
30 RCPT SYSTEM 50, LEAD FREE



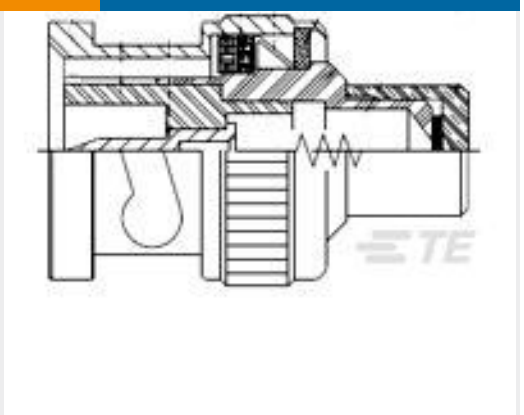
TE Part #1-770901-0
MINI UMNL PIN 26-22 AWG AU LF



TE Part #1-770835-0
MINI UMNL PIN AU LF



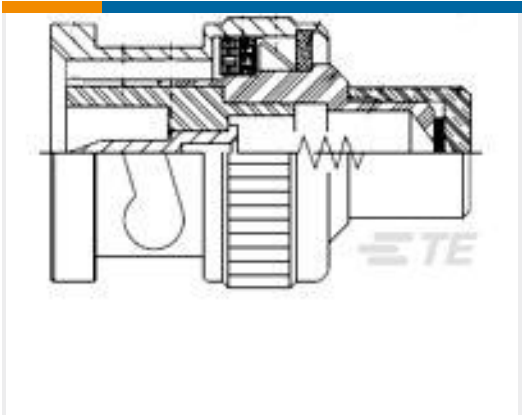
TE Part #1-770834-0
MINI UMNL SOK AU LF



TE Part #1-1337463-0
BNC Plg Term 50Ohm Silver Pltd



TE Part #YDTS26W11-35PNV001
D38999: Straight Plug, 11-35 Insert



TE Part #1-1337523-0
BNC Plg Term 50Ohm Nickel Pltd



TE Part #1-1478903-0
SMA STR PLG DS RG402 GSS



Documents

Product Drawings
IE RJ45 CONNECTOR IP20 8POS 180DEG
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1903527-1_C_c-1903527-1-c.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1903527-1_C_c-1903527-1-c.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1903527-1_C_c-1903527-1-c.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
TE Material Declaration
English

Agency Approvals
UL Report
English