

Industrial RJ45 IP20

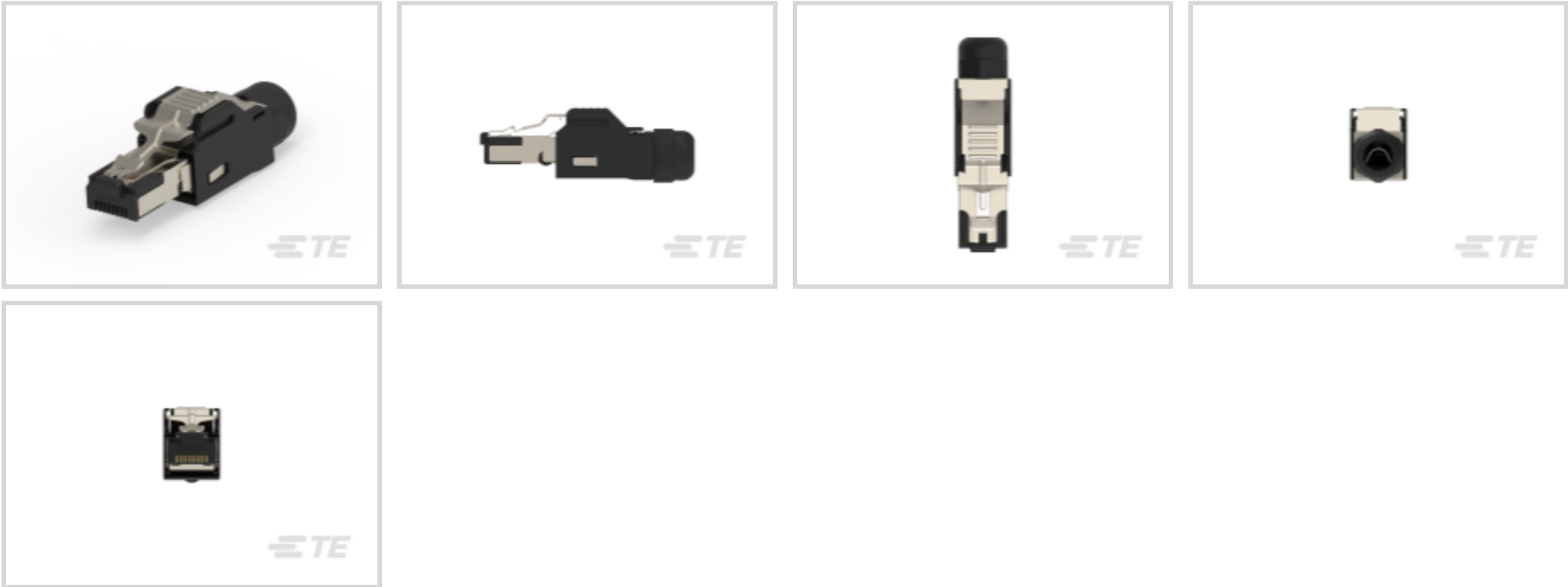
TE Internal #: 1903527-1

Circular RJ45 Connector, Single Port, Plug, Shielded, Cat 5e, 8 Position, Wire & Cable, Signal, Nylon / Polycarbonate, Gold (Au), Industrial RJ45 IP20

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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

Port Configuration	Single Port
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8

Body Features

Shield Plating Material	Nickel
Shield Material	Copper Alloy

Contact Features

Contact Current Rating (Max)	.5 A
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Contact Mating Area Plating Material	Gold (Au)
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

Indicator Type	No Indicator
Shielded	Yes
Circuit Application	Signal

Industry Standards

IP Rating	IP20
Performance Category	Cat 5e

Packaging Features

Packaging Quantity	1
Packaging Method	Box & Tray, Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

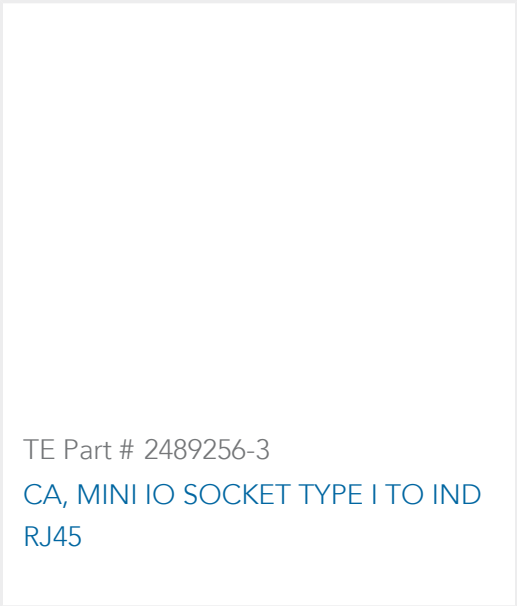
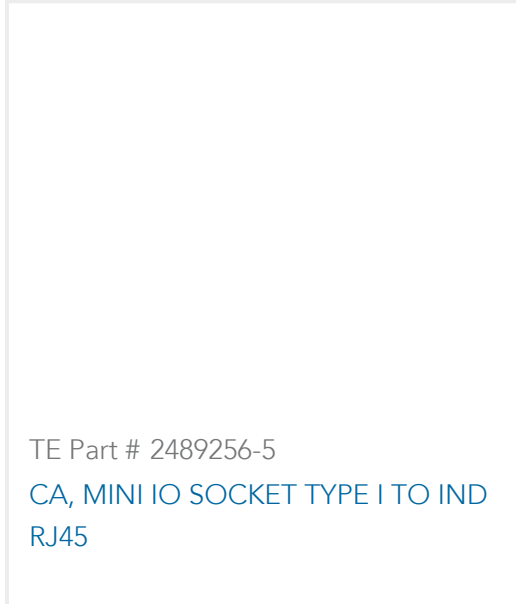
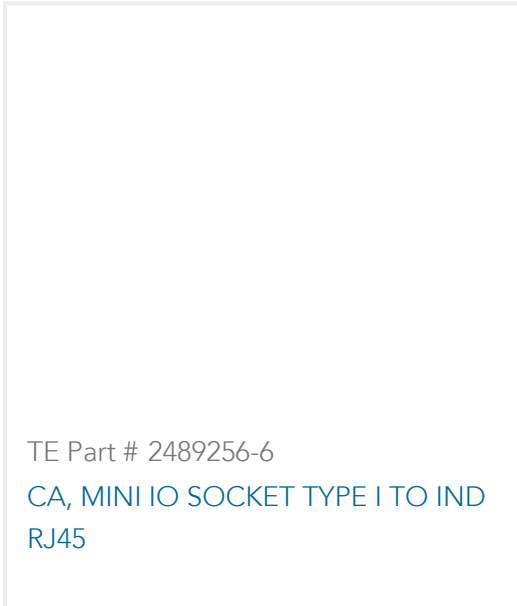
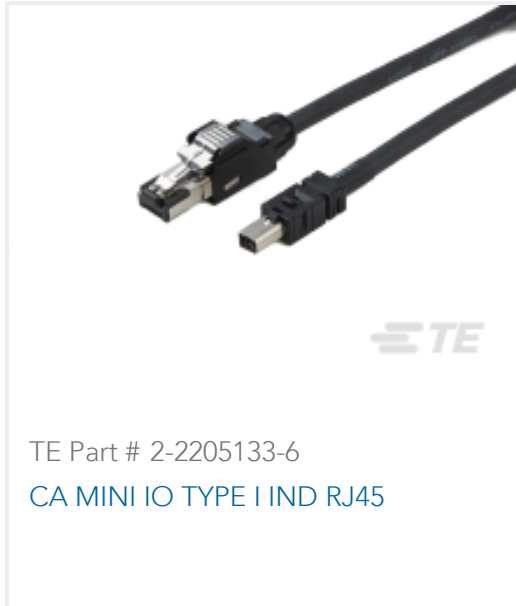
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 2489256-3 CA, MINI IO SOCKET TYPE I TO IND RJ45	 TE Part # 2-2205130-8 CA MINI IO TYPE II PIGTAIL 20M	 TE Part # 2-2205130-6 CA MINI IO TYPE II PIGTAIL	 TE Part # 2-2205130-5 CA MINI IO TYPE II PIGTAIL
 TE Part # 2-2205133-2 CA MINI IO TYPE I IND RJ45	 TE Part # 2301994-4 RJ45 JACK INT.MAG. 10/100 1X1	 TE Part # 2489256-2 CA, MINI IO SOCKET TYPE I TO IND RJ45	 TE Part # 2489256-5 CA, MINI IO SOCKET TYPE I TO IND RJ45
 TE Part # 2-2205131-4 CA MINI IO MINI IO TYPE I	 TE Part # 2-2205130-7 CA MINI IO TYPE II PIGTAIL 15M	 TE Part # 2489256-6 CA, MINI IO SOCKET TYPE I TO IND RJ45	 TE Part # 2-2205133-6 CA MINI IO TYPE I IND RJ45



TE Part # 1987306-1
ASSY, FRAME, RJ45 CONNECTOR IP



TE Part # 2-2205133-1
CA MINI IO TYPE I IND RJ45



TE Part # 2-2205130-4
CA MINI IO TYPE II PIGTAIL



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 # 2-2205133-5
CA MINI IO TYPE I IND RJ45



TE Part # 2229737-2
MINI I/O PIERCING TYPE HAND TOOL



TE Part # 2-2205133-4
CA MINI IO TYPE I IND RJ45

Also in the Series | Industrial RJ45 IP20

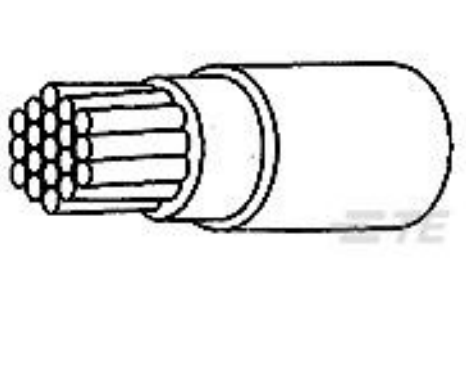


Connector Hardware(1)

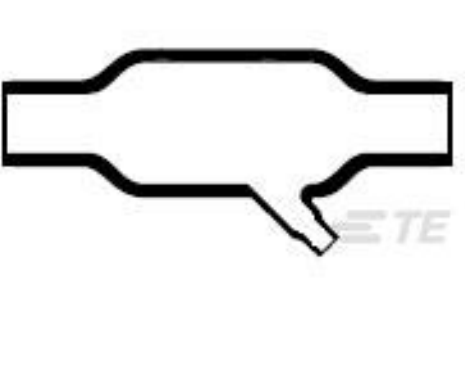


RJ45 Connectors(9)

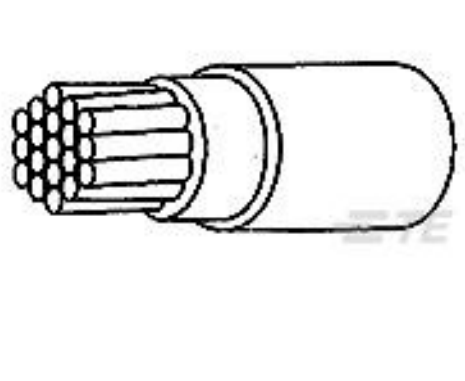
Customers Also Bought



TE Part #2046713001
FLT0111-0.50-2



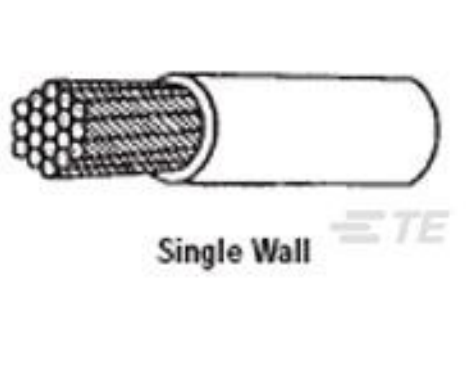
TE Part #301221-000
342A024-100-0



TE Part #9154853001
FLT0111-0.50-0



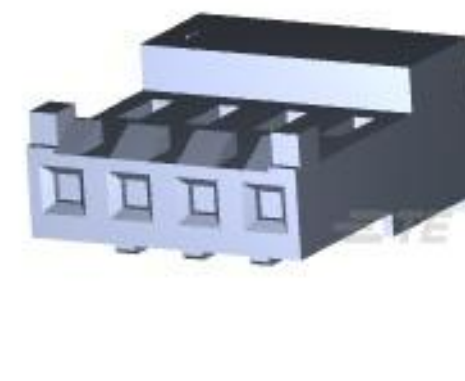
TE Part #EQ05413001
100G3121-0.25-6/9



TE Part #728851-000
82A0111-12-0



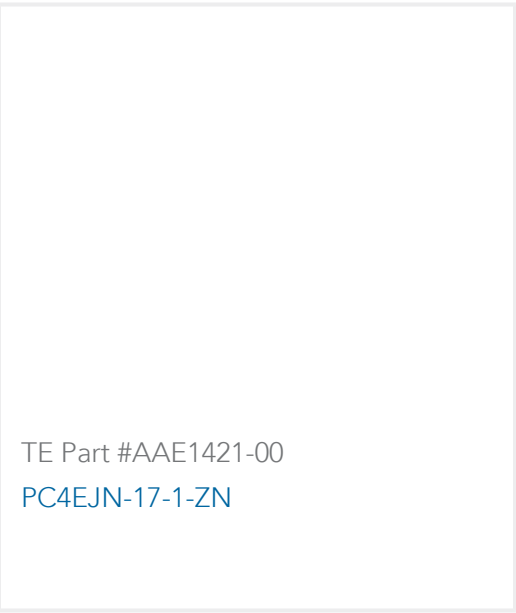
TE Part #1658628-2
PRESS FIT 2X1 REDUCED PROFILE



TE Part #3-643817-4
04P MTA156 CONN ASSY 18AWG ORA



TE Part #CD62223001
55A0121-24-0/9CK0505



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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

INDUSTRIAL_ETHERNET_PRODUCTS

English

Product Specifications

Application Specification

English

Application Specification

Japanese

Agency Approvals

UL Report

English