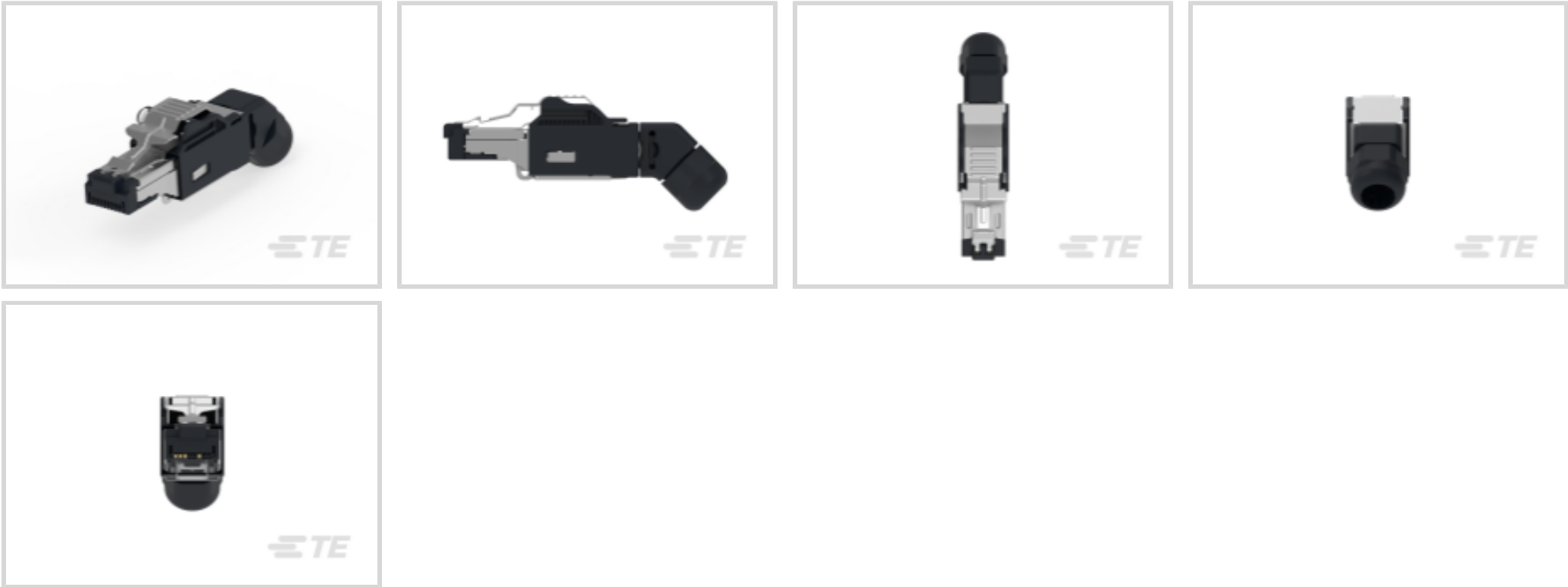# 1987236-3 ✓ ACTIVE

Industrial RJ45 IP20

TE Internal #: 1987236-3

Circular RJ45 Connector, Single Port, Plug, Shielded, Cat 5e, 8
Position, Wire & Cable, Signal, Polycarbonate GF, Gold, 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

Body Features

Shield Plating Material	Nickel
Shield Material	Copper Alloy

Packaging Features

Packaging Quantity	50
Packaging Method	Box

Industry Standards

IP Rating	IP20
Performance Category	Cat 5e

Operation/Application

Indicator Type	No Indicator
Shielded	Yes, No
Circuit Application	Signal

Product Type Features

1987236-3

Circular RJ45 Connector, Single Port, Plug, Shielded, Cat 5e, 8 Position, Wire & Cable, Signal, Polycarbonate GF, Gold, Industrial RJ45 IP20

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

Contact Features

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

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Polycarbonate GF

Usage Conditions

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

Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	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 2024 (241) Candidate List Declared Against: JUNE 2024 (241)

Circular RJ45 Connector, Single Port, Plug, Shielded, Cat 5e, 8 Position, Wire & Cable, Signal, Polycarbonate GF, Gold, Industrial RJ45 IP20

SVHC > Threshold:

Pb (1% in component part)

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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

Also in the Series | Industrial RJ45 IP20

Connector Hardware(1)

PCB D-Sub Connectors(1)

RJ45 Connectors(8)

Customers Also Bought

1987236-3

Circular RJ45 Connector, Single Port, Plug, Shielded, Cat 5e, 8 Position, Wire & Cable, Signal, Polycarbonate GF, Gold, Industrial RJ45 IP20

TE Part #5100147-1

Z-PACK/A RAF 110P

TE Part #5100159-1

2MM HDR, 55 POS EXTN MOD

TE Part #6469076-1

HM-ZD 2PR HDR ASSY 1.8MM

TE Part #120953-1

TE UPM Ver Receptacle 4P HC Power

Documents

Product Drawings

RJ45 CONNECTOR IP20 45 DEG., INDUSTRIAL

English

CAD Files

Customer View Model

ENG_CVM_CVM_1987236-3_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1987236-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1987236-3_A.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Agency Approvals

UL Report

English