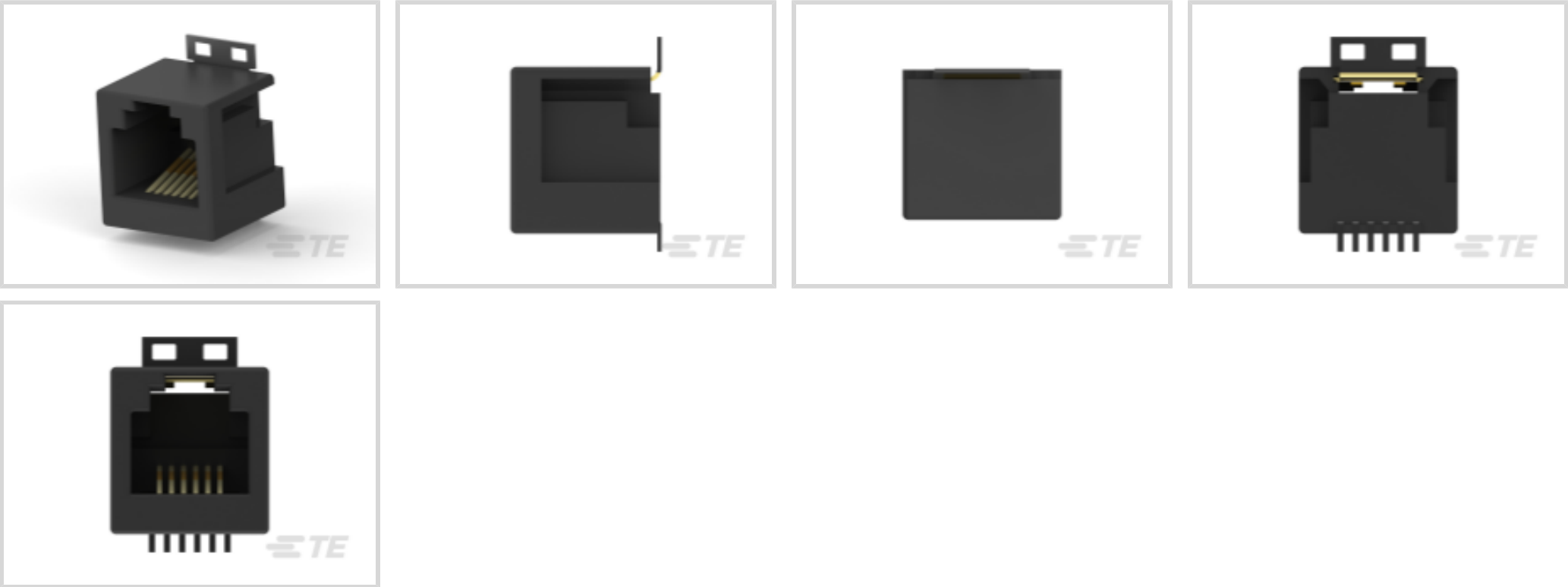




Connectors > Modular Jacks & Plugs > RJ25 Connectors



Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Connector Profile: **Standard**

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

Connector Contact Density: **Standard**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Grounding Options | None |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type | Connector Assembly |
| Connector System | Cable-to-Board |
| Modular Jacks & Plugs Products | RJ Type Jacks & Plugs |
| Modular Connector Style | Jack |

Configuration Features

| | |
|----------------------------|-------------|
| Number of Positions | 6 |
| Port Configuration | Single Port |
| Port Matrix Configuration | 1 x 1 |
| Connector Contact Density | Standard |
| PCB Mount Orientation | Vertical |
| Number of Loaded Positions | 6 |

Body Features

| | |
|--|--|
| | |
|--|--|



| | |
|--------------------------------|-----------------------|
| Connector Profile | Standard |
| Modular Jack Latch Orientation | Standard - Latch Down |

Contact Features

| | |
|---|-----------------|
| Contact Underplating Material | Nickel |
| | 50 µin |
| Contact Base Material | Phosphor Bronze |
| Contact Mating Area Plating Material | Nickel (Ni) |
| Contact Current Rating (Max) | 1.5 A |
| PCB Contact Termination Area Plating Material | Tin |

Termination Features

| | |
|---------------------------|---------------|
| Termination Method to PCB | Surface Mount |
|---------------------------|---------------|

Mechanical Attachment

| | |
|-------------------------|-------------|
| Mating Alignment | Without |
| Connector Mounting Type | Board Mount |
| Panel Mount Feature | With |

Housing Features

| | |
|-----------------------|-----------------|
| Mating Entry Location | Top |
| Housing Color | Black |
| Housing Material | G.F. PA 9T |
| Centerline (Pitch) | 1.27 mm[.05 in] |

Dimensions

| | |
|-----------------------------|------------------|
| Connector Height | 12.7 mm[.5 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
| Shielded | No |

Industry Standards

| | |
|------------------------|----------|
| Performance Category | Cat 3 |
| UL Flammability Rating | UL 94V-0 |

Packaging Features



| | |
|-------------------------|----------------------------------|
| Packaging Reel Diameter | 56 cm |
| Packaging Method | Piece/Reel, Tape Mounted on Reel |
| Packaging Quantity | 750 |

Product Compliance

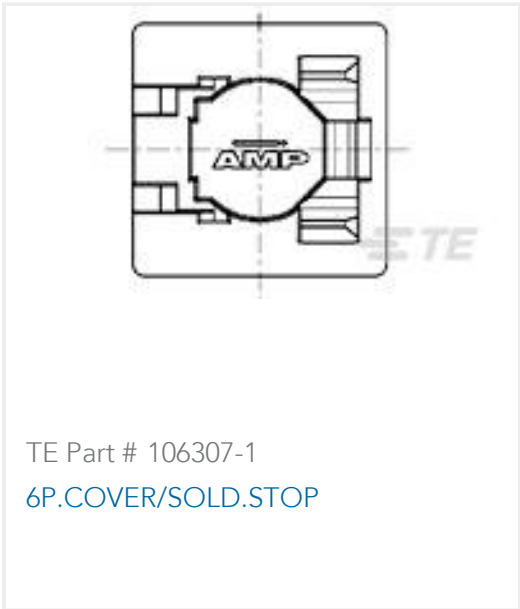
For compliance documentation, visit the product page on TE.com>

| | |
|---|--|
| 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: JUNE 2024 (241) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Reflow solder capable to 260°C |

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



Customers Also Bought



TE Part #2-1761608-3
IDC LOW PRO HDR 10P VERT SHT L

TE Part #2-2834075-2
2P REC, MINIATURE WATERPROOF CONN.BLACK

TE Part #2-2176230-5
3522 82R 5% 3W

TE Part #1-2834067-2
SOCKET CONTACT,MINIATURE WATERPROOF CONN

TE Part #1-1337452-0
BNC Ins BHSkt 50Ohm Nickel Gol

TE Part #1-338086-3
6/6 INV.MOD JACK

TE Part #1981584-1
MICRO USB, TYPE A/B, GRAY

TE Part #2834082-2
5.0MM SIDE ENTRY MSC 3P_GY

TE Part #374319-E
DRCB 2,54 20 M SMD * 137 E012 167 GURT *

TE Part #3-338088-3
8/8 INV.MOD.JACK LOW HALOGEN

Documents

Product Drawings

6P/6C INV MJ, SMT 22" TOP REEL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-338086-3_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-338086-3_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-338086-3_Z.3d_stp.zip

English

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

Datasheets & Catalog Pages



82066 - Modular Jacks and MRJ21 Product catalog - Single Port Modular Jacks section

English

Product Specifications

AMP surface mount modular jack

English

Application Specification

English

Agency Approvals

UL Report

English