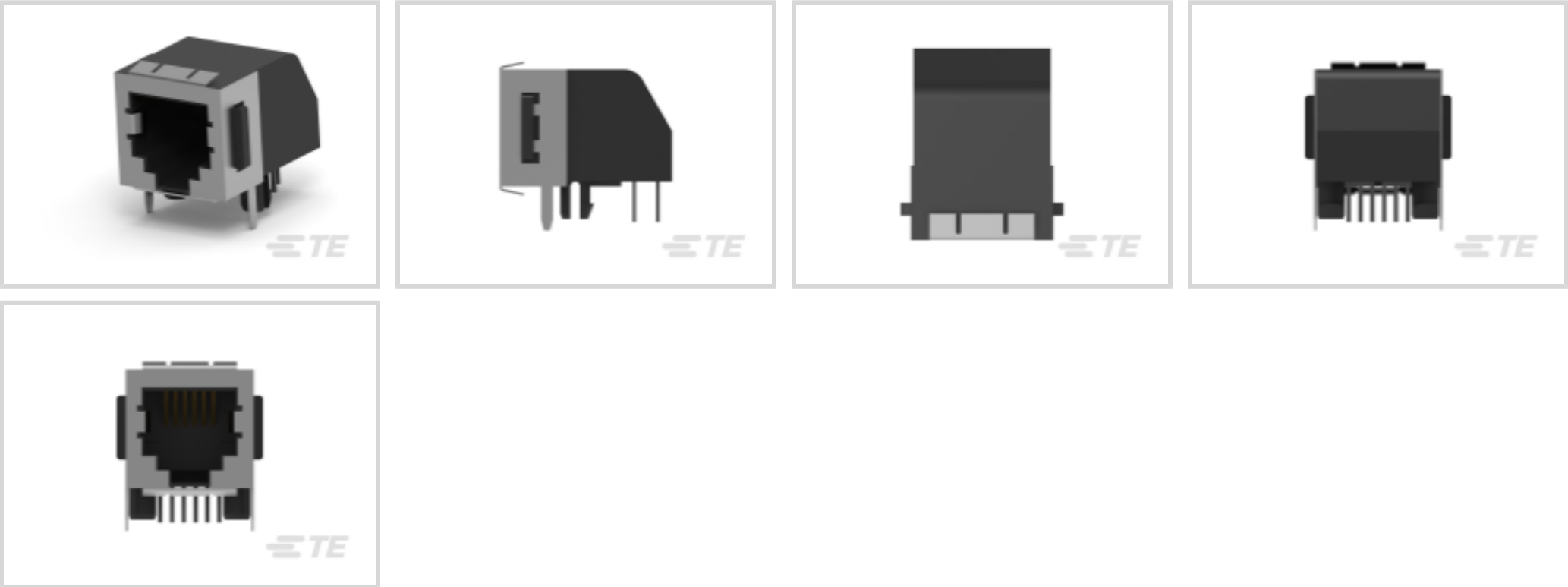




Connectors > Modular Jacks & Plugs > RJ25 Connectors



Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Connector Profile: **Low**

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

Connector Contact Density: **Standard**

Features

Product Type Features

| | |
|--------------------------------|--------------------------|
| Connector Product Type | Connector Assembly |
| Connector System | Cable-to-Board |
| Grounding Options | Panel Ground, PCB Ground |
| Modular Jacks & Plugs Products | RJ Type Jacks & Plugs |
| Modular Connector Style | Jack |

Configuration Features

| | |
|----------------------------|-------------|
| Number of PCB Ground Tabs | 2 |
| Number of Positions | 6 |
| Port Configuration | Single Port |
| Port Matrix Configuration | 1 x 1 |
| Connector Contact Density | Standard |
| PCB Mount Orientation | Right Angle |
| Number of Loaded Positions | 6 |

Body Features

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



| | |
|--------------------------------|-----------------------|
| Shield Plating Material | Tin |
| Shield Material | Copper Alloy |
| PCB Ground Tab Location | 3.05 mm[.12 in] |
| Connector Profile | Low |
| 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 | Gold (Au) |
| Contact Current Rating (Max) | .2 A, 1.5 A |
| PCB Contact Termination Area Plating Material | Tin |

Termination Features

| | |
|--------------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 3.8 mm[.15 in] |

Mechanical Attachment

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

Housing Features

| | |
|-----------------------|-----------------|
| Mating Entry Location | Side |
| Housing Color | Black |
| Housing Material | PBT |
| 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 – 85 °C[-40 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|



Shielded

Yes

Industry Standards

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

Packaging Features

| | |
|--------------------|------------------|
| Packaging Method | Box & Tube, Tube |
| Packaging Quantity | 35 |

Product Compliance

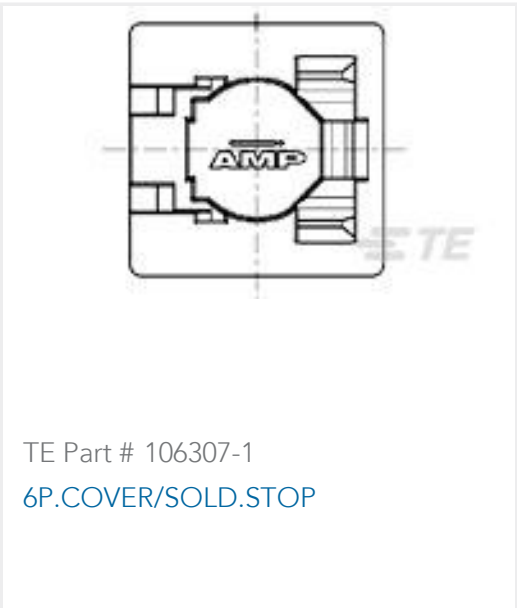
For compliance documentation, visit the product page on TE.com>

| | |
|---|--|
| 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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°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



TE Part # 106307-1
[6P.COVER/SOLD.STOP](#)

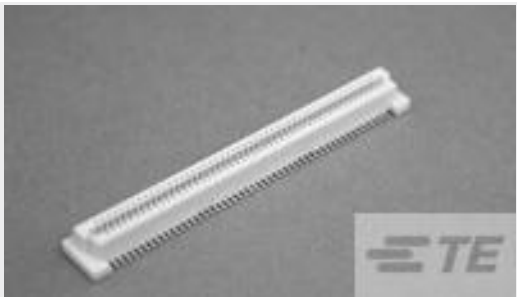
Customers Also Bought



TE Part #1462050-2
[HF3 03 = 75OHM 140MW 5V MONO](#)



TE Part #280377-1
[2P AMPMODU II SHRD HDR, RT ANG, TIN](#)



TE Part #1735482-1
[0.8FH,R17H.5,040,08/Sn,TR,SC](#)



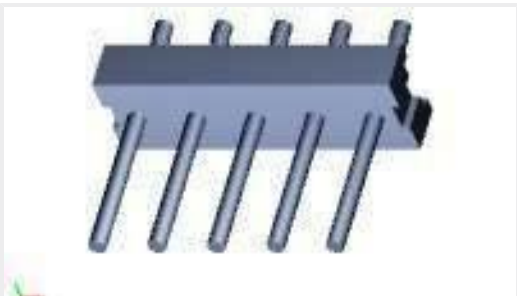
TE Part #5787745-1
[USB A R/A STAK ASSY THRU HOLE](#)



TE Part #1-5177986-1
[0.8FH,P06H.5,040,08/Sn,TR,SC](#)



TE Part #5745112-2
[09 RCPT RA/MS STD](#)



TE Part #640384-5
[05P MTA156 HDR ASSY STR RND SN](#)



TE Part #5050865-1
[SOCKET,MIN-SPR SN-AU SER-4](#)



TE Part #292303-1
[Std USB Type A, R/A, T/H](#)



TE Part #1775838-2
[mSATA/mini PCI-E 5.6H Type I G/F](#)

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_5555140-6_E.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5555140-6_E.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_CVM_5555140-6_E.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