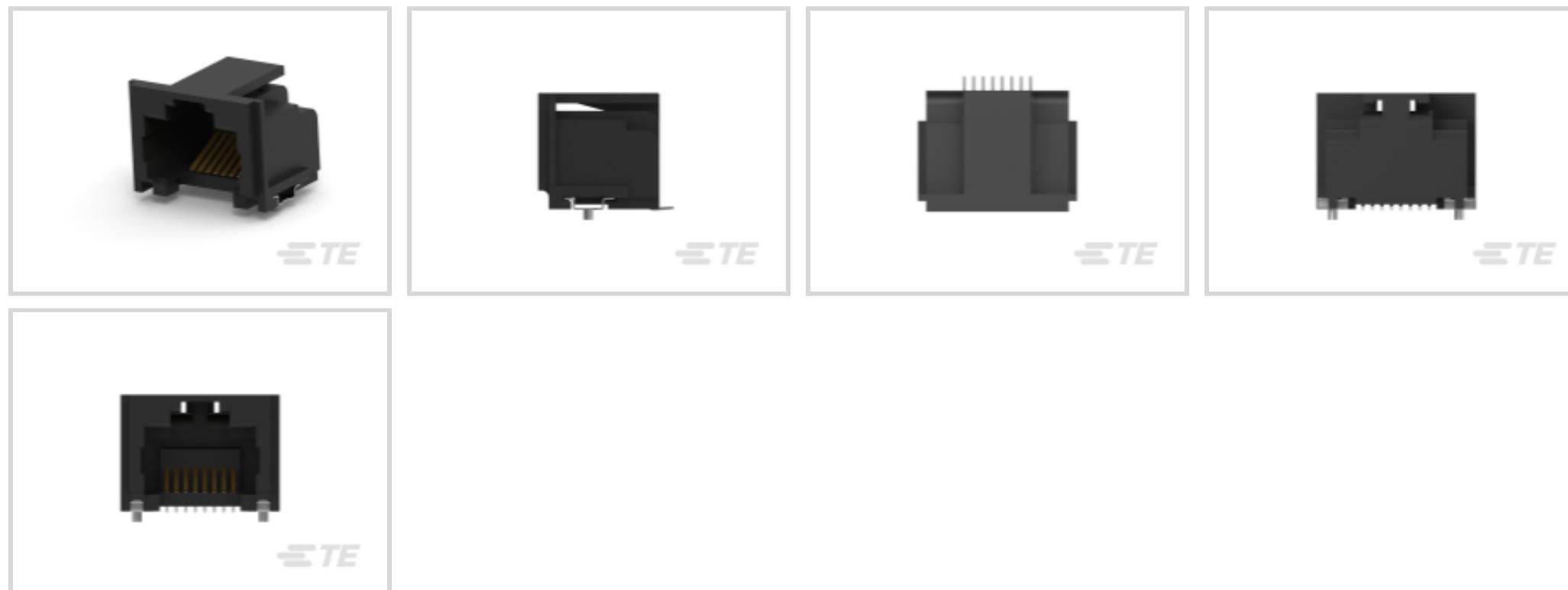


5406721-3

✓ ACTIVE

TE Internal #: 5406721-3

RJ45 Connector, Single Port, 1 x 1, Standard Connector Contact Density, Jack, Cat 5, Inverted - Latch Up, 8 Position, Low Profile, Surface Mount

[View on TE.com >](#)[Connectors > Modular Jacks & Plugs > RJ45 Connectors](#)Modular Jack & Plug Interface Type: **RJ45**Port Configuration: **Single Port**Port Matrix Configuration: **1 x 1**Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**Connector Contact Density: **Standard**

Features

Product Type Features

Connector Product Type	Connector Assembly
Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	None
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

Body Features

PCB Retention Feature Material

Phosphor Bronze

Modular Jack Latch Orientation

Inverted - Latch Up

Connector Profile

Low

Contact Features

Contact Underplating Material

Nickel

PCB Contact Termination Area Plating Material

Tin

Contact Mating Area Plating Material

Gold

Contact Base Material

Copper Alloy

Contact Mating Area Plating Material Thickness

.76 µm[30 µin]

Termination Features

Termination Method to PCB

Surface Mount

Termination Post & Tail Length

1.52 mm[.059 in]

Mechanical Attachment

Panel Mount Feature

With

Panel Mount Feature Type

Panel Stops

PCB Mount Retention Type

Boardlock

Connector Mounting Type

Board Mount, Panel Mount

Housing Features

Mating Entry Location

Side

Centerline (Pitch)

1.02 mm[.04 in]

Housing Color

Black

Housing Material

High Temperature Thermoplastic

Dimensions

PCB Thickness (Recommended)

1.57 mm[.062 in]

Connector Height

12.4 mm[.488 in]

Usage Conditions

Operating Temperature Range

-40 – 70 °C[-40 – 158 °F]

Operation/Application

Indicator Type

Not Illuminated

Shielded

No

Circuit Application

Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Performance Category	Cat 5

Packaging Features

Packaging Quantity	650
Packaging Method	Tape & Reel

Product Compliance

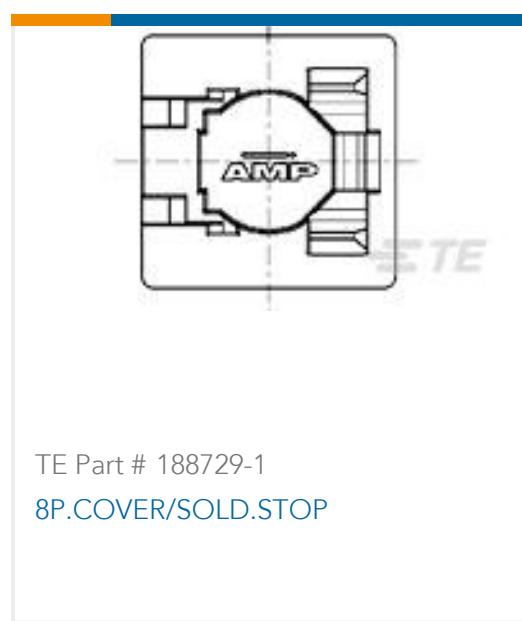
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) 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	Reflow solder capable to 245°C

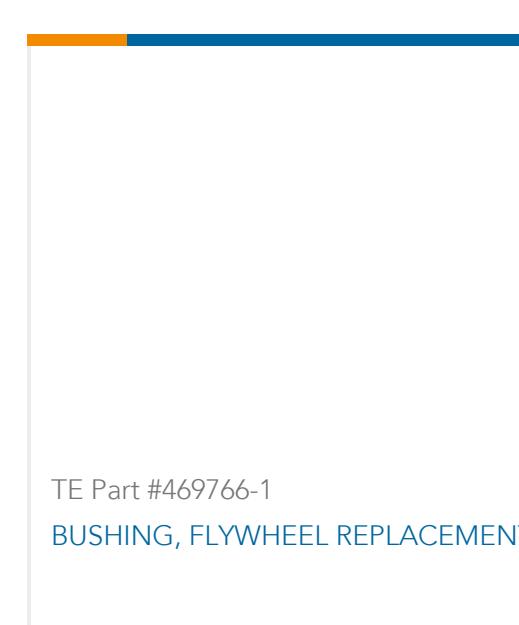
Product Compliance Disclaimer

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 # 188729-1
8P.COVER/SOLD.STOP

Customers Also Bought

TE Part #4-2176070-2
3521 510R 1% 2WTE Part #3-1437653-5
6PCV-10-006=6PCV ASSEMBLYTE Part #1825967-2
FSMCDAH=6.0mm Tact W/SQ Act. & High TempTE Part #1-1437653-3
6PCV-08-006=6PCV ASSEMBLYTE Part #8-1437653-0
6PCV-16-006=6PCV ASSEMBLYTE Part #61012-1
PIN .109 RECEPTACLE 18-14 AWG BRTE Part #3-5435640-5
DIP SW 4 POSN SEALEDTE Part #469766-1
BUSHING, FLYWHEEL REPLACEMENTTE Part #240639-1
STRIPPER *1TE Part #1-2213504-1
ASSEMBLY, 2 POSITION, BLACK, WITH POS

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5406721-3_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5406721-3_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5406721-3_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

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English