

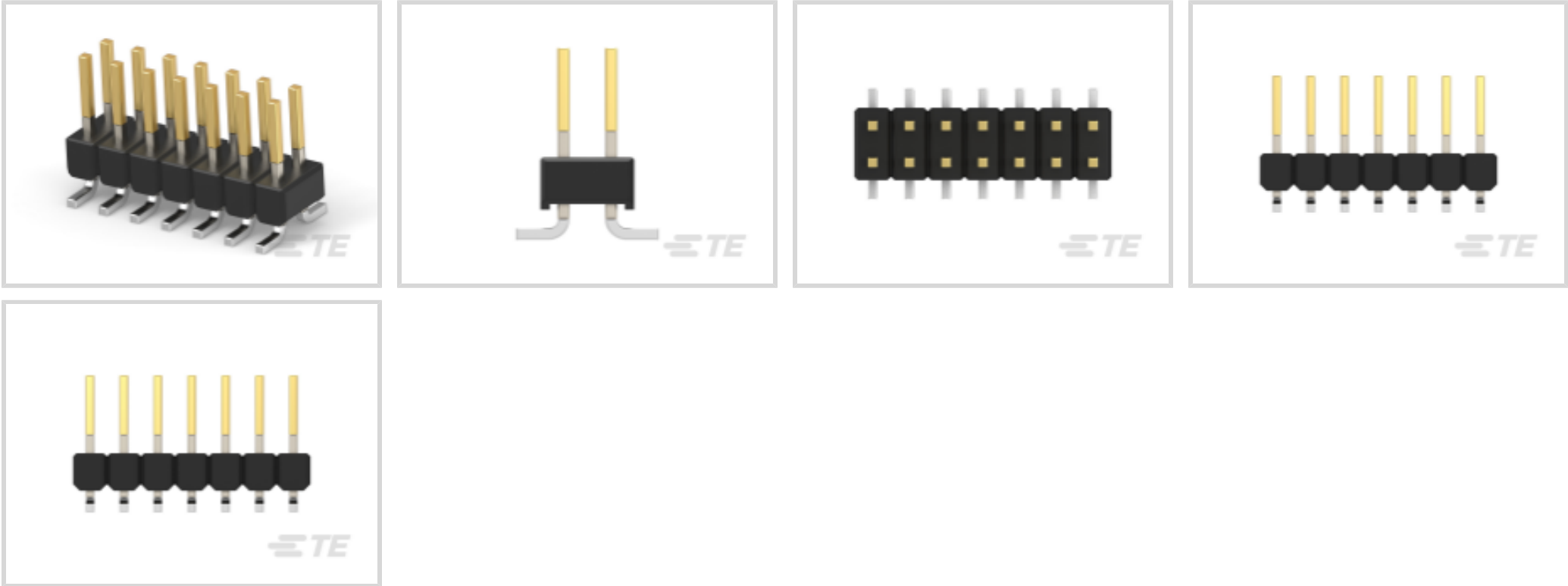


TE Internal #: 966709-7

PCB Mount Header, Right Angle, Board-to-Board, 14 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold (Au), Surface Mount, Signal, Black, Tube

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

Connector System: **Board-to-Board**

Number of Positions: **14**

Number of Rows: **2**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| PCB Connector Type                | PCB Mount Header      |
| Connector System                  | Board-to-Board        |
| Header Type                       | Breakaway             |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type            | Connector Assembly    |

Configuration Features

|                              |               |
|------------------------------|---------------|
| Number of Positions          | 14            |
| Number of Rows               | 2             |
| PCB Mount Orientation        | Right Angle   |
| Board-to-Board Configuration | Perpendicular |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

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



|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Mating Area Plating Material Thickness | .762 μm[30 μin] |
| Contact Mating Area Plating Material           | Gold (Au)       |
| Contact Type                                   | Pin             |
| Contact Current Rating (Max)                   | 3 A             |

Termination Features

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

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
| Mating Alignment        | Without     |
| PCB Mount Alignment     | Without     |
| PCB Mount Retention     | Without     |

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
| Housing Material   | Thermoplastic  |

Dimensions

|                             |                  |
|-----------------------------|------------------|
| PCB Thickness (Recommended) | 1.62 mm[.062 in] |
|-----------------------------|------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 105 °C[-85 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tube |
|------------------|------|

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) |



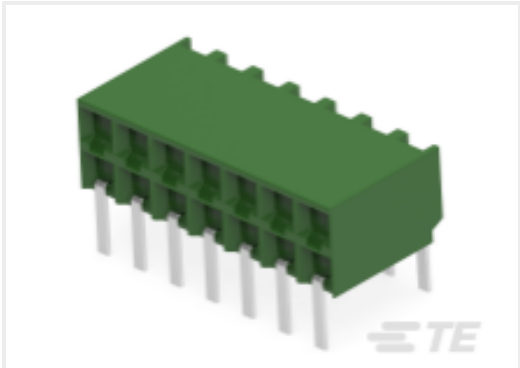
Candidate List Declared Against: JAN 2025  
(247)  
Does not contain REACH SVHC

|                           |                                                |
|---------------------------|------------------------------------------------|
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Reflow solder capable to 260°C                 |

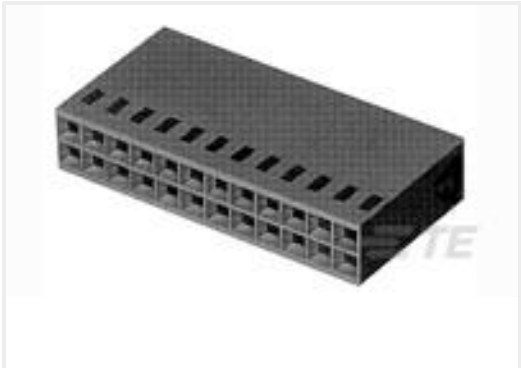
Product Compliance Disclaimer

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>

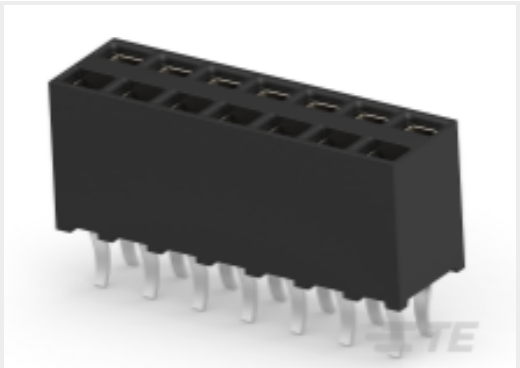
Compatible Parts



TE Part # 216604-7  
2X 7P HV190FEDERLEI



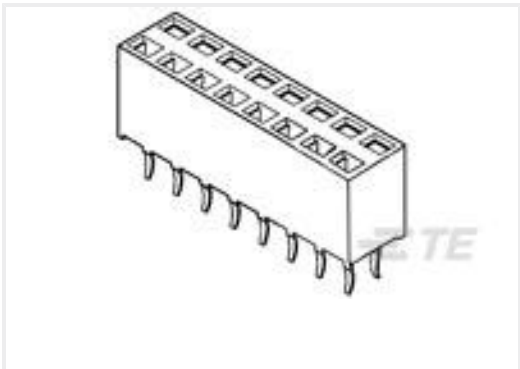
TE Part # 925367-7  
MOD 4 REC.HSG 2X07P



TE Part # 215307-7  
2X7P HV100 REC CON. TE, 7.0MM



TE Part # 969973-7  
2x7P HV100 REC. CON, SMD, GOLD, BLISTER



TE Part # 215309-7  
2X7P HV100 REC CON. TE, 8.5MM



TE Part # 829264-7  
2X 7P HV100 REC CON.B/TE, 6.2,NO KINK

Customers Also Bought







TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #DT06-2S  
PLG, 2P, GRY, N



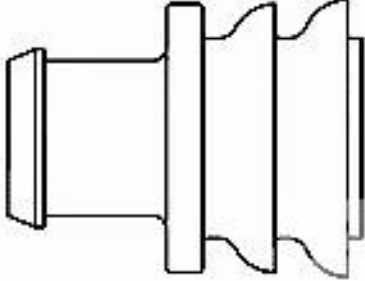
TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING

Documents

Product Drawings

2X7P MODUII BREAK AWAY HEADER, SMD

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_966709-7\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_966709-7\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_966709-7\_B.3d\_stp.zip

English

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