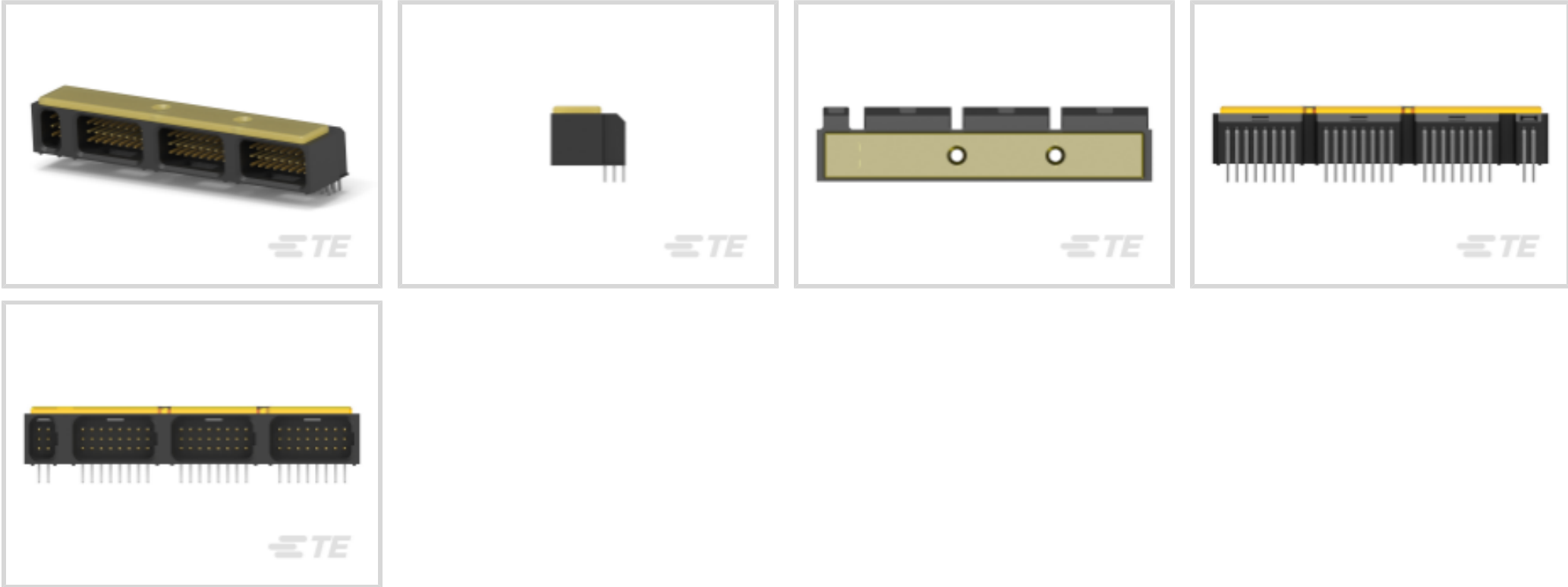




TE Internal #: 6651425-1
Header, Plug, Wire-to-Board, 78 Position, 2.5 mm [.098 in]
Centerline, Printed Circuit Board, UL 94V-0, Rectangular Power
Connectors
[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Board**
Number of Positions: **78**
Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Header Type | Fully Shrouded |
| Rectangular Power Connector Type | Header |
| Connector & Housing Type | Plug |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|-------------|
| Number of Positions | 78 |
| PCB Mount Orientation | Right Angle |
| Number of Signal Positions | 78 |
| Number of Rows | 3 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 125 VDC |
|-------------------|---------|

Contact Features

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



| | |
|---|---------|
| Contact Mating Area Plating Material | Gold |
| Contact Retention Within Housing | Without |
| Contact Type | Pin |
| PCB Contact Termination Area Plating Material | Tin |

Termination Features

| | |
|------------------------------------|--------------------------|
| Termination Method to Wire & Cable | Crimp |
| Termination Method to PCB | Through Hole - Press-Fit |

Mechanical Attachment

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 2.5 mm[.098 in] |
| Housing Color | Black |
| Housing Material | Polyphthalamide |

Dimensions

| | |
|--------------------|-----------------|
| Row-to-Row Spacing | 2.5 mm[.098 in] |
|--------------------|-----------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

| | |
|------------------------|-------------------------------|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

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) |



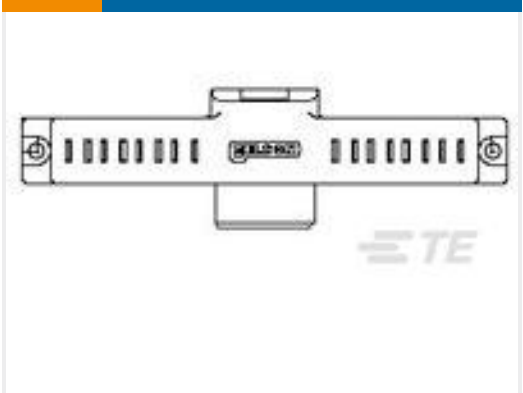
Candidate List Declared Against: JUNE 2024 (241)
Does not contain REACH SVHC

| | |
|---------------------------|--|
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | 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 # 6646813-1
279-0566-10200A=CONN,PIN



TE Part # 6646425-1
CONN,SKT,STR,COMPL,FLATPAQ

Customers Also Bought



TE Part #284869-1
8POS MQS TAB



TE Part #4-2176070-4
3521 620R 1% 2W



TE Part #3-1879073-2
THS10 82R 5%



TE Part #5787745-4
USB A R/A STAK ASSY THRU HOLE



TE Part #796866-2
2 POS TERMI-BLOK HDR RT ANGLE

TE Part #6-2176381-3
RQ 0805 54K9 0.1% 10PPM 5K RL

TE Part #T2040104101-000
HE-010-MC

TE Part #1489951-1
XFP CAGE ASSEMBLY

TE Part #NB15312001
CRN-1/8-0-STK

TE Part #1413009-9
V23086C2001A403

Documents

Product Drawings

CONNECTOR, PIN, RIGHT ANGLE,SOLDER,FLAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6651425-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6651425-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6651425-1_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