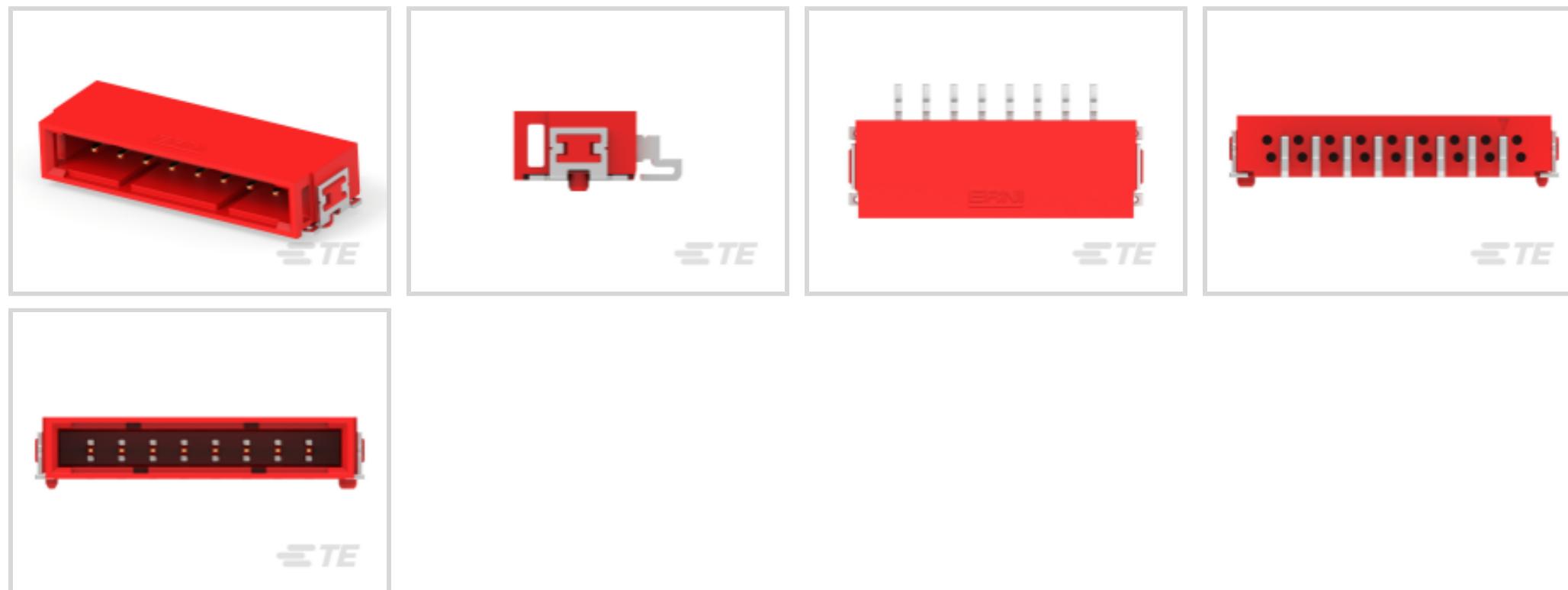


TE Internal #: 284124-E

PCB Mount Header, Horizontal, Wire-to-Board, 8 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold (Au), Surface Mount, Power & Signal, Red

[View on TE.com >](#)

Connectors &gt; PCB Connectors &gt; PCB Headers &amp; Receptacles

PCB Connector Type: **PCB Mount Header**PCB Mount Orientation: **Horizontal**Connector System: **Wire-to-Board**Number of Positions: **8**Centerline (Pitch): **2.54 mm [.1 in]**

## Features

### Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

### Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Horizontal
Number of Positions	8
Number of Rows	1

### Body Features

Primary Product Color

Red

**Contact Features**

Contact Shape &amp; Form

Rectangular

PCB Contact Termination Area Plating Material Thickness

4 – 6  $\mu\text{m}$ [157.48 – 236.22  $\mu\text{in}$ ]

Contact Layout

Inline

Contact Mating Area Length

4.1 mm[.161 in]

Contact Base Material

Copper Alloy

Contact Mating Area Plating Material

Gold (Au)

Contact Type

Tab

Contact Current Rating (Max)

12 A

PCB Contact Termination Area Plating Material

Tin

**Termination Features**

Termination Method to PCB

Surface Mount

**Mechanical Attachment**

Mating Alignment Type

Polarization

Mating Retention Type

Locking

PCB Mount Alignment Type

Pegs

Mounting Alignment Feature Length

.75 mm[.029 in]

PCB Mount Alignment

With

Mating Retention

With

PCB Mount Retention

With

Connector Mounting Type

Board Mount

Mating Alignment

With

**Housing Features**

Centerline (Pitch)

2.54 mm[.1 in]

Housing Material

LCP

**Usage Conditions**

Operating Temperature (Max)

150 °C[302 °F]

Operating Temperature Range

-55 – 150 °C[-67 – 302 °F]

**Operation/Application**

Circuit Application

Power &amp; Signal

**Industry Standards**

UL Flammability Rating

UL 94V-0

**Packaging Features**

Packaging Quantity

440

Packaging Method

Reel

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Not Yet Reviewed

China RoHS 2 Directive MIIT Order No 32, 2016

有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)

Candidate List Declared Against: JUNE 2023 (235)

Does not contain REACH SVHC

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed for solder process capability

## Product Compliance Disclaimer

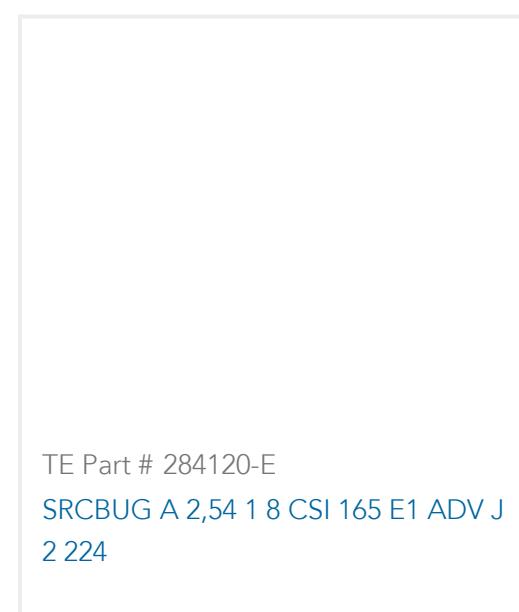
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 474277-E  
SRCBUG A 2,54 2-WH 8 CSI 165 E1  
ADV J 2



TE Part # 364257-E  
SRCBUG A 2,54 2 8 CSI 165 E1 ADV J 2 324



TE Part # 284120-E  
SRCBUG A 2,54 1 8 CSI 165 E1 ADV J 2 224

**Customers Also Bought**



## Documents

### Product Drawings

[SRCA 2,54 8 M 1 SMD 137 E1 168 \\* GURT \\*](#)

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_284124-E\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_284124-E\\_E.3d\\_stp.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_284124-E\\_E.3d\\_igs.zip](#)

English

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

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### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English