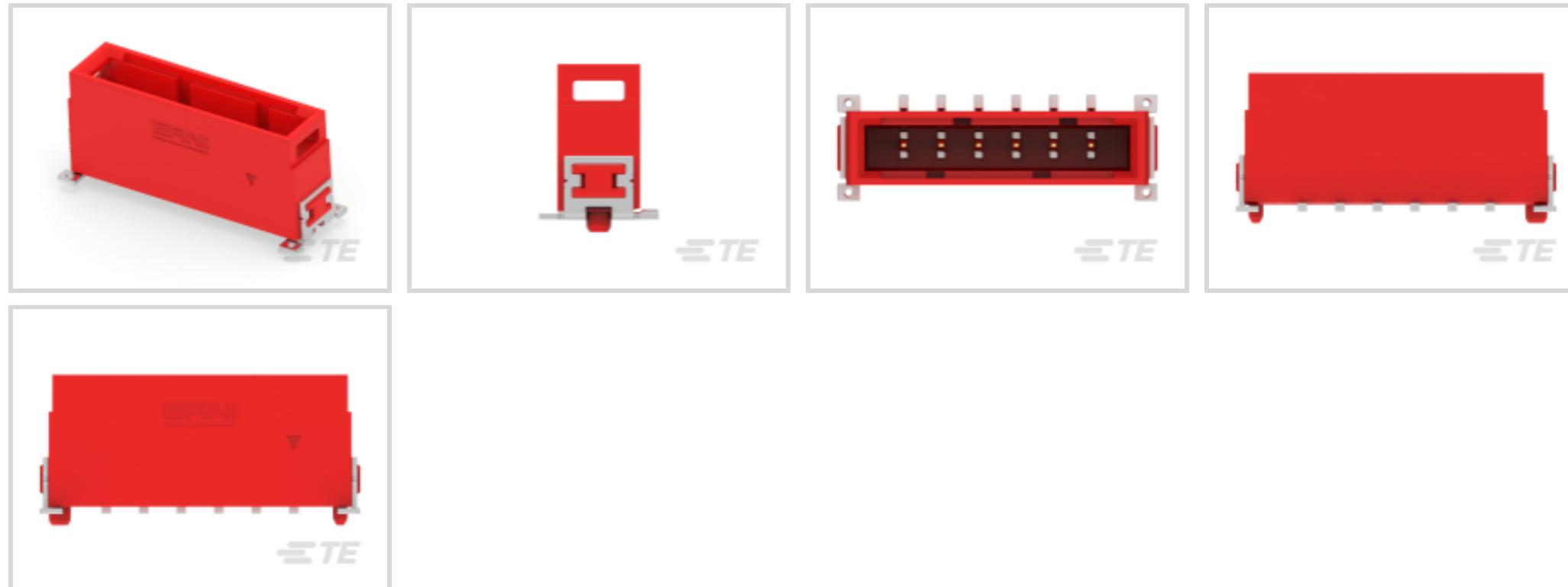


TE Internal #: 254710-E

PCB Mount Header, Vertical, Wire-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold (Au), Surface Mount, Power & Signal, Red, Reel

[View on TE.com >](#)

[Connectors > PCB Connectors > PCB Headers & Receptacles](#)
PCB Connector Type: **PCB Mount Header**PCB Mount Orientation: **Vertical**Connector System: **Wire-to-Board**Number of Positions: **6**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            | Vertical     |
| Number of Positions              | 6            |
| 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

PCB Contact Termination Area Plating Material

Tin

**Termination Features**

Termination Method to PCB

Surface Mount

**Mechanical Attachment**

Mating Alignment Type

Polarization

PCB Mount Alignment Type

Pegs

Mounting Alignment Feature Length

.75 mm[.029 in]

PCB Mount Alignment

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)

125 °C[257 °F]

Operating Temperature Range

-40 – 125 °C[-40 – 257 °F]

**Operation/Application**

Circuit Application

Power &amp; Signal

**Industry Standards**

UL Flammability Rating

UL 94V-0

**Packaging Features**

Packaging Quantity

320

## Packaging Method

## Reel

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com/compliance)>

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: JAN 2024 (240)

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 # 464377-E  
SRCBUG A 2,54 2SG3 6 CSI 165 E1  
ADV J 2

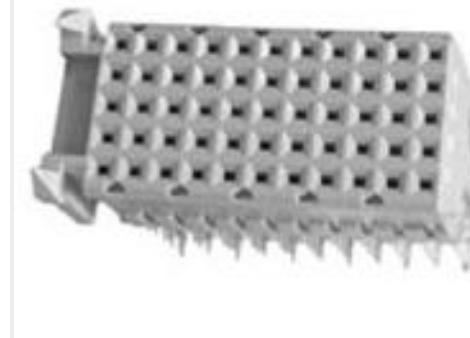
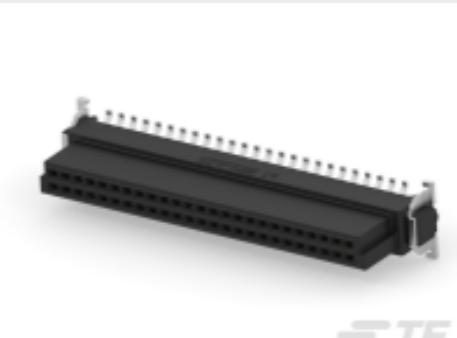
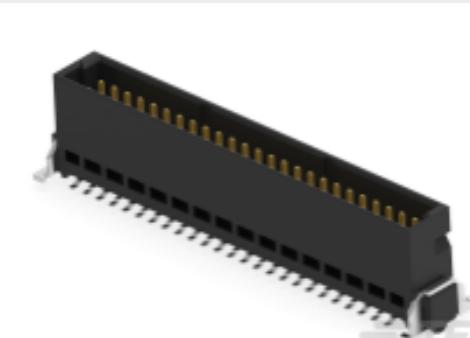


TE Part # 474268-E  
SRCBUG A 2,54 2-WH 6 CSI 165 E1  
ADV J 2



TE Part # 364243-E  
SRCBUG A 2,54 2 6 CSI 165 E1 ADV J 2 324

## Customers Also Bought

TE Part #8779670001  
RPS-18-12/2.0-4TE Part #354098-E  
M12 FEMALE, A CODE, 5P, 17MM SMTTE Part #284809-E  
M12 MALE, A CODE, 4P, 10.5MM SMTTE Part #294645-E  
SRCP 2,54 2 M 1 SMD 137 E1 094 \* GU-H\*TE Part #254834-E  
SRCP 2,54 5 M 1 SMD 137 E1 168 \* GU-H\*TE Part #484574-E  
M12 FEMALE, D CODE, 4P, 17MM SMTTE Part #806118-SF  
FN2410-16-44TE Part #5352115-1  
Z-PACK/C RAF 55PTE Part #124045-E  
SMCB 50 F AB VV 6-03 CLHD \* H007  
137 E00TE Part #063210-E  
SMCQ 50 M AB VV 3-03 CLHD \* H007  
137 E00

## Documents

### Product Drawings

[SRCP 2,54 6 M 1 SMD 137 E1 168 \\* GU-H \\*](#)

English

### CAD Files

[3D PDF](#)

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_254710-E\\_H.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_254710-E\\_H.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_254710-E\\_H.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