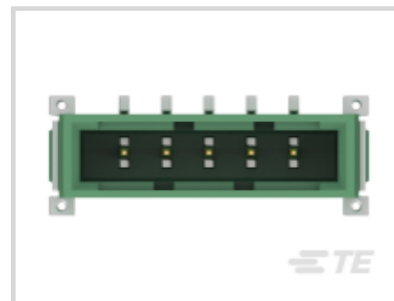
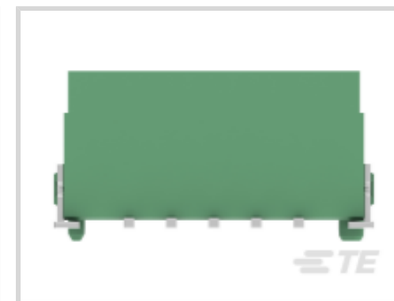
254833-E ✔ ACTIVE

TE Internal #: 254833-E

PCB Mount Header, Vertical, Wire-to-Board, 5 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold (Au), Surface Mount, Power & Signal, Green

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: **5**

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	5
Number of Rows	1

Body Features

Primary Product Color	Green

Contact Features

Contact Shape & Form	Rectangular
PCB Contact Termination Area Plating Material Thickness	4 – 6 µm[157.48 – 236.22 µin]
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	Liquid Crystal Polymer (LCP)

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power & 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>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
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: FEB 2026 (253) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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 # 364228-E
SRCBUG A 2,54 2 5 CSI 164 E1 ADV J 2 324

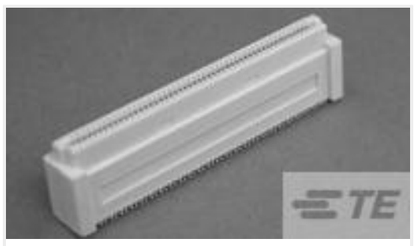
TE Part # 484218-E
SRCBUG A 2,54 2-WH 5 CSI 164 E1 ADV J 2

Customers Also Bought

TE Part #254708-E
SRCP 2,54 6 M 1 SMD 137 E1 166 * GU-H *

TE Part #4-1415899-4
RZ01-1C3-D012

TE Part #1734509-4
RJ45,8P8C,W/LED,G/Y,50u"



TE Part #5084616-3
0.8FH,R13H.5,080,08/Sn,TR,SC

TE Part #3-5177986-2
0.8FH,P08H.5,060,08/Sn,TR,SC

TE Part #3-5177986-3
0.8FH,P08H.5,080,08/Sn,TR,SC

TE Part #5-5179180-1
0.8FH,R09H.5,040,08/Sn,TR,SC

TE Part #5-5179180-2
0.8FH,R09H.5,060,08/Sn,TR,SC

TE Part #838349-E
IDCCS SMC 1,27 68 * AU AUI 70 PVC

TE Part #838348-E
IDCCS SMC 1,27 68 * AU AUI 40 PVC

Documents

Product Drawings

SRCP 2,54 5 M 1 SMD 137 E1 167 * GU-H *

English

CAD Files

Customer View Model

ENG_CVM_CVM_254833-E_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_254833-E_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_254833-E_G.3d_stp.zip

English

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Product Specifications

Application Specification

English

Application Specification

English