



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **3**

Number of Rows: **1**

Centerline (Pitch): **1.27 mm [.05 in]**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Cable-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	3
Number of Loaded Positions	3
Connector Contact Load Condition	Fully Loaded
Number of Positions	3
Number of Rows	1
PCB Mount Orientation	Vertical

Body Features



Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	4 – 6 µm[157.48 – 236.22 µin]
Contact Shape & Form	Rectangular
Contact Layout	Inline
Contact Mating Area Length	2.5 mm[.098 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	4.8 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Retention Type	Latch
Mounting Alignment Feature Length	.75 mm[.029 in]
Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Alignment Type	Pegs
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	1.27 mm[.05 in]
Housing Material	Liquid Crystal Polymer (LCP)

Dimensions

Connector Width	7 mm[.275 in]
Connector Height	6.1 mm[.24 in]
Profile Height from PCB	6.1 mm[.24 in]
Connector Length	8.89 mm[.35 in]



Usage Conditions

Operating Temperature (Max)	150 °C[302 °F]
Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	DIN, UL
Industry Standard	IEC
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Reel Diameter	330 mm[12.99 in]
Packaging Quantity	650
Packaging Method	Tape & 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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

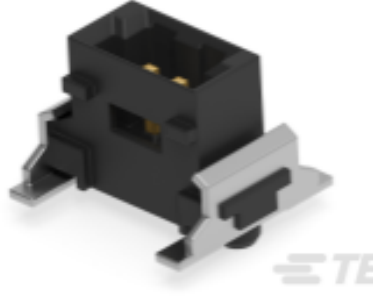
Product Compliance Disclaimer

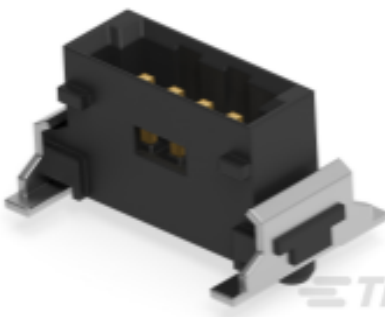
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 839013-E IDCCS SRC 1,27 3 * SFX SFX 100 PVC	 TE Part # 384841-E SRCP 1,27 3 F 1 SMD 137 * 168 * GURT VLP	 TE Part # 464228-E SRCP 1,27 3 F 1 IDC22 137 E1 162 1,27 TR	 TE Part # 234459-E SRCA 1,27 3 F 1 I2426 137 * 094 1,07 TRA
 TE Part # 384846-E SRCP 1,27 3 F 1 SMD 137 * 094 * GURT RLV	 TE Part # 464224-E SRCP 1,27 3 F 1 IDC22 137 E1 162 1,27 TR	 TE Part # 234458-E SRCA 1,27 3 F 1 I2426 137 * 094 1,07 TRA	 TE Part # 284699-E SRCP 1,27 8 M 1 SMD 137 E1 094 * GU-H *
 TE Part # 284695-E SRCP 1,27 2 M 1 SMD 137 E1 094 * GU-H *	 TE Part # 839428-E IDCCS SRC 1,27 3 * SPX APU 100 PVC	 TE Part # 839030-E IDCCS SRC 1,27 3 * AFU AFU 300 PVC	 TE Part # 839015-E IDCCS SRC 1,27 3 * SFX SFX 300 PVC
 TE Part # 284698-E SRCP 1,27 6 M 1 SMD 137 E1 094 * GU-H *	 TE Part # 294919-E SRCP 1,27 10 M 1 SMD 137 E1 094 * GU-H *	 TE Part # 394971-E SRCA 1,27 3 F 1 IDC22 137 E1 094 1,27 TR	 TE Part # 394968-E SRCA 1,27 3 F 1 IDC22 137 E1 094 1,27 TR



TE Part # 284697-E
SRCP 1,27 4 M 1 SMD 137 E1 094 * GU-H *

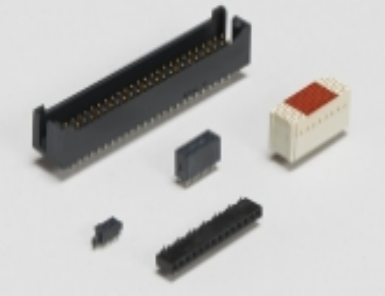


TE Part # 234451-E
SRCP 1,27 3 F 1 I2426 137 * 162 1,07 TRA



TE Part # 234452-E
SRCP 1,27 3 F 1 I2426 137 * 162 1,07 TRA

Also in the Series | ERNI MiniBridge



Board-to-Board Headers & Receptacles(1)



Connector Hardware(1)



High Speed I/O Cable Assemblies(24)



PCB Headers & Receptacles(56)



Pluggable I/O Cable Assemblies(24)



Rectangular Power Connectors(72)

Customers Also Bought



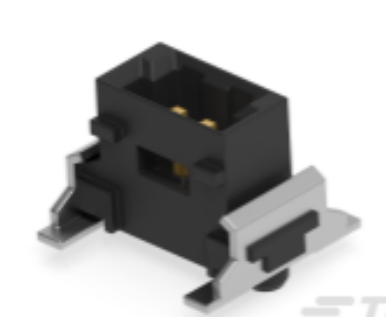
TE Part #1010-036-0406
SEAL, INTF, 4P, RED-ORG, DTM



TE Part #234451-E
SRCP 1,27 3 F 1 I2426 137 * 162 1,07 TRA



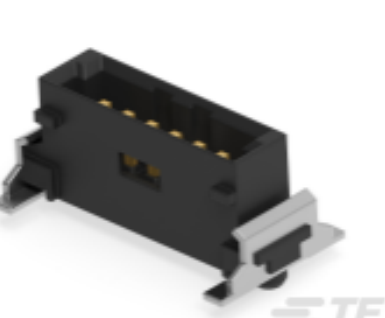
TE Part #364094-E
DRCBTB 1,27 12 M BTB20 18,2 137 * 094 TR



TE Part #284695-E
SRCP 1,27 2 M 1 SMD 137 E1 094 * GU-H *



TE Part #234472-E
SRCA 1,27 10 F 1 I2426 137 E1 094 1,07 T



TE Part #284698-E
SRCP 1,27 6 M 1 SMD 137 E1 094 * GU-H *



TE Part #1-746610-4
16 DIP PLUG, 100CL, LEAD FREE



TE Part #825440-8
OD 2 PINHDR 2X08P.





TE Part #3-2176216-2
[CPF A 0603 2K2 0.1% 25PPM 1K RL](#)



TE Part #1011-085-0405
[SEAL RET, 4P, BLK, DTM](#)

Documents

Product Drawings

[SRCP 1,27 3 M 1 SMD 137 E1 094 * GU-H *](#)

German

CAD Files

Customer View Model

[ENG_CVM_CVM_284696-E_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284696-E_1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284696-E_1.3d_igs.zip](#)

English

[3D PDF](#)

3D

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Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English