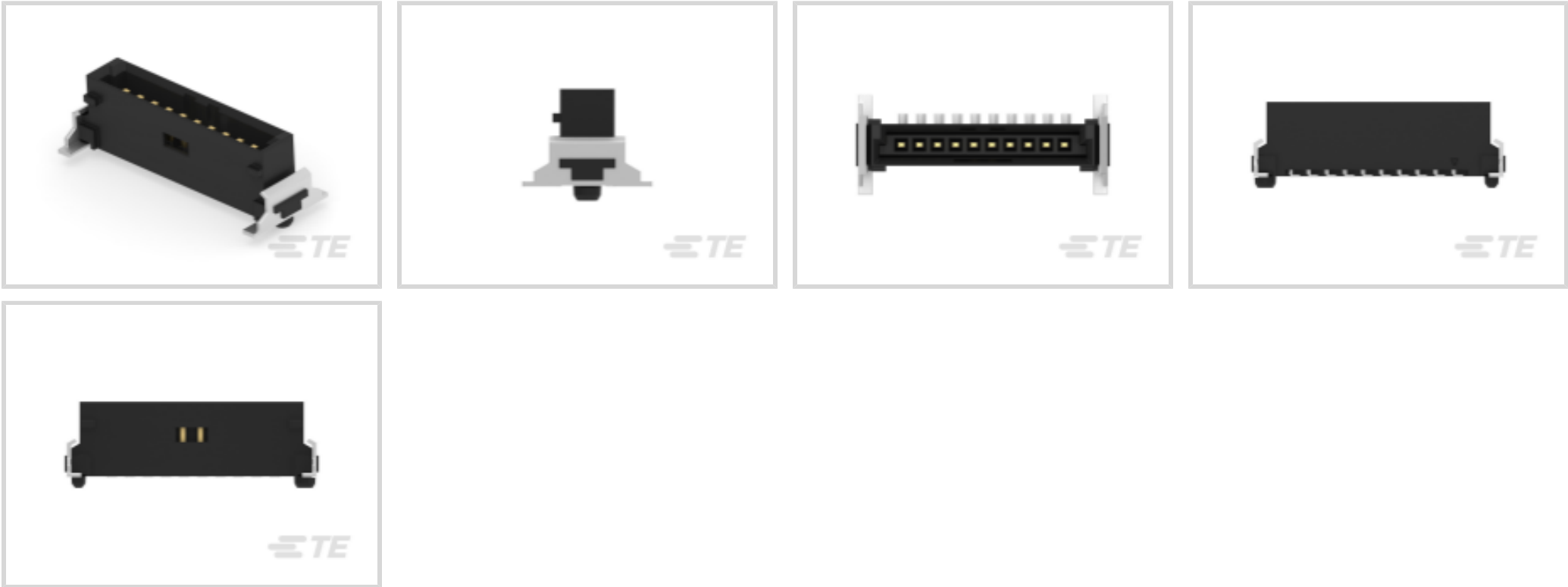




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

Number of Rows: **1**

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	10
Number of Loaded Positions	10
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	1

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
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3.6 A

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
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

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	17.78 mm[.7 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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

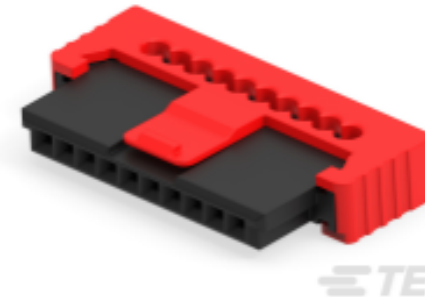
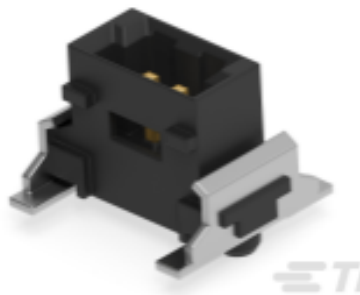
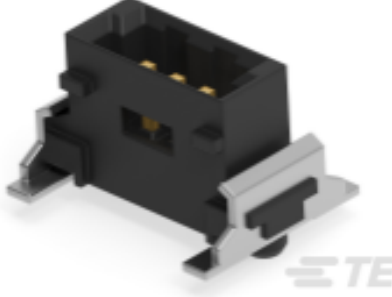
Product Compliance Disclaimer

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



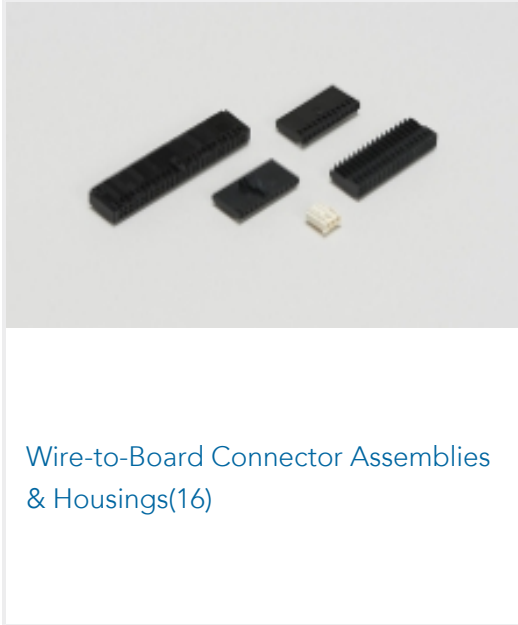
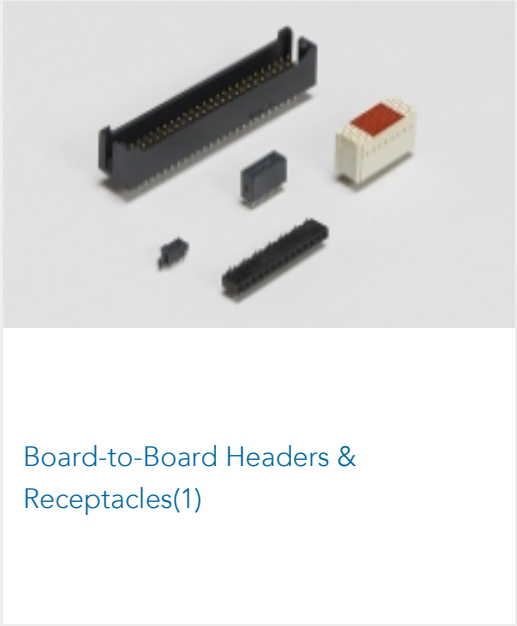
requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 464240-E SRCP 1,27 10 F 1 IDC22 137 E1 162 1,27 T	 TE Part # 234472-E SRCA 1,27 10 F 1 I2426 137 E1 094 1,07 T	 TE Part # 294920-E SRCP 1,27 12 M 1 SMD 137 E1 094 * GU-H *	 TE Part # 464237-E SRCP 1,27 10 F 1 IDC22 137 E1 162 1,27 T
 TE Part # 284695-E SRCP 1,27 2 M 1 SMD 137 E1 094 * GU-H *	 TE Part # 839162-E IDCCS SRC 1,27 10 * SFX SFX 100 PVC	 TE Part # 234466-E SRCP 1,27 10 F 1 I2426 137 E1 162 1,07 T	 TE Part # 464256-E SRCA 1,27 10 F 1 IDC22 137 E1 094 1,27 T
 TE Part # 234473-E SRCA 1,27 10 F 1 I2426 137 E1 094 1,07 T	 TE Part # 234465-E SRCP 1,27 10 F 1 I2426 137 E1 162 1,07 T	 TE Part # 839164-E IDCCS SRC 1,27 10 * SFX SFX 300 PVC	 TE Part # 839163-E IDCCS SRC 1,27 10 * SFX SFX 200 PVC
 TE Part # 839427-E IDCCS SRC 1,27 10 * SFX SFX 150 HF	 TE Part # 839170-E IDCCS SRC 1,27 10 * AFU AFU 300 PVC	 TE Part # 464253-E SRCA 1,27 10 F 1 IDC22 137 E1 094 1,27 T	 TE Part # 284696-E SRCP 1,27 3 M 1 SMD 137 E1 094 * GU-H *

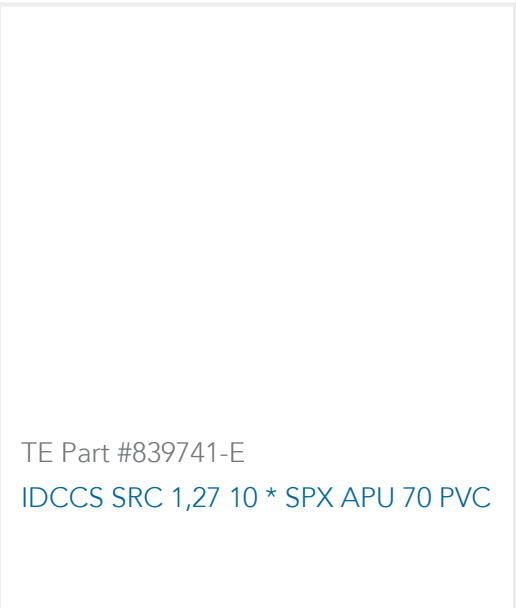
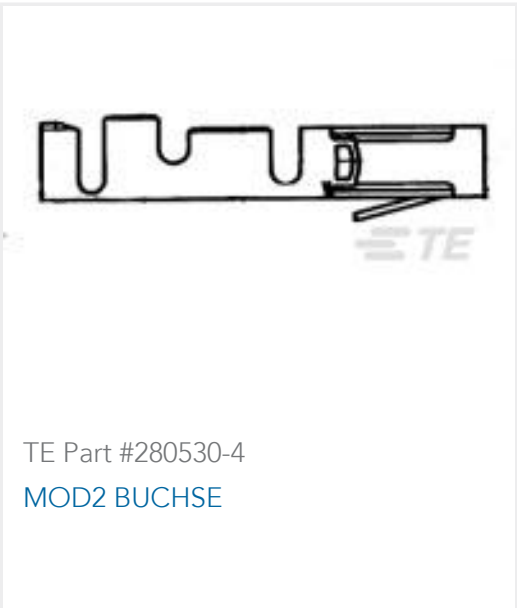


Also in the Series | ERNI MiniBridge



Customers Also Bought





Documents

Product Drawings

SRCP 1,27 10 M 1 SMD 137 E1 094 * GU-H *

German

CAD Files

Customer View Model

ENG_CVM_CVM_294919-E_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_294919-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_294919-E_1.3d_igs.zip

English

3D PDF

3D

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

Product Specifications

Application Specification

English

Application Specification

English