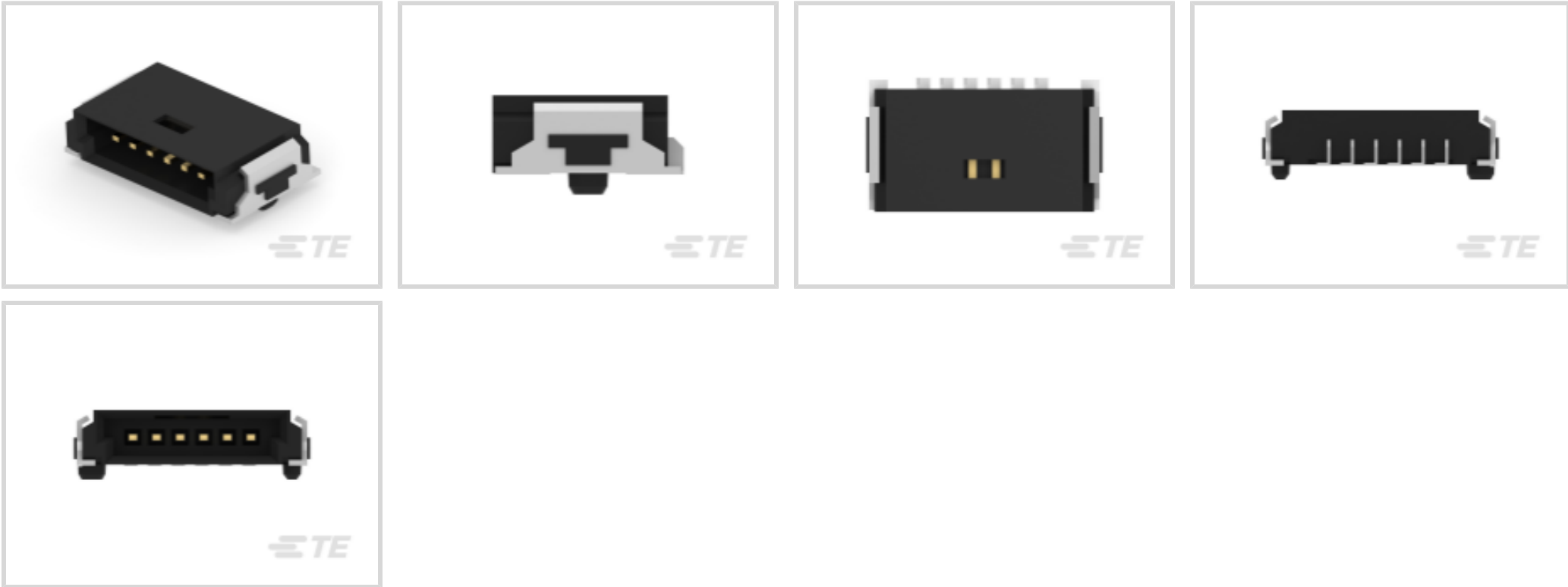




Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **6**

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

PCB Mount Orientation: **Right Angle**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Number of Columns	6
Number of Loaded Positions	6
Connector Contact Load Condition	Fully Loaded
Number of Positions	6
PCB Mount Orientation	Right Angle
Number of Rows	1

Electrical Characteristics

Insulation Resistance	10000 MΩ
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Dielectric Withstanding Voltage (Max)	500 Vrms
Body Features	
Primary Product Color	Black
Contact Features	
Contact Mating Area Length	2.5 mm[.098 in]
PCB Contact Termination Area Plating Material Thickness	4 – 6 µm[157.48 – 236.22 µin]
Contact Layout	Inline
Contact Type	Pin
Contact Shape & Form	Rectangular
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Current Rating (Max)	3.7 A
Termination Features	
Termination Method to PCB	Surface Mount
Mechanical Attachment	
Mounting Alignment Feature Length	.75 mm[.029 in]
PCB Mount Alignment Type	Pegs
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without
Mating Retention Type	Friction Lock
Connector Mounting Type	Board Mount
Housing Features	
Mating Entry Location	Side
Housing Material	LCP
Centerline (Pitch)	1.27 mm[.05 in]
Dimensions	
Connector Length	12.7 mm[.5 in]
Connector Height	2.98 mm[.117 in]



Connector Width	7.2 mm[.283 in]
Profile Height from PCB	2.98 mm[.117 in]

Usage Conditions

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

Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Power & Signal

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	1000
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: JUNE 2024 (241) 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

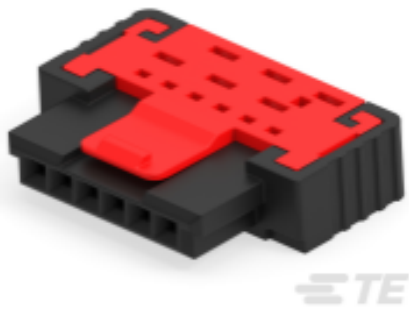
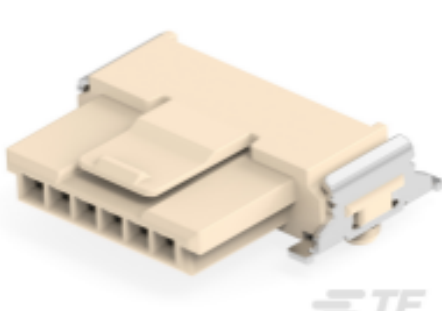
Product Compliance Disclaimer

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

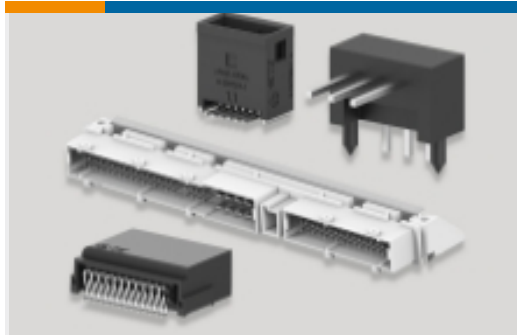
 TE Part # 214038-E SRCP 1,27 6 F 1 I2426 137 * 162 1,07 TRA	 TE Part # 214158-E SRCA 1,27 6 F 1 I2426 137 E1 094 1,07 TR	 TE Part # 224395-E SRCP 1,27 6 F 1 I2426 137 * 162 1,07 TRA	 TE Part # 384804-E SRCP 1,27 6 F 1 SMD 137 * 094 * GURT RLV
 TE Part # 394911-E SRCP 1,27 6 F 1 IDC22 137 E1 162 1,27 TR	 TE Part # 464244-E SRCA 1,27 6 F 1 IDC22 137 E1 094 1,27 TR	 TE Part # 839020-E IDCCS SRC 1,27 6 * SFX SFX 200 PVC	 TE Part # 839021-E IDCCS SRC 1,27 6 * SFX SFX 300 PVC
 TE Part # 394909-E SRCP 1,27 6 F 1 IDC22 137 E1 162 1,27 TR	 TE Part # 224399-E SRCA 1,27 6 F 1 I2426 137 E1 094 1,07 TR	 TE Part # 384803-E SRCP 1,27 6 F 1 SMD 137 * 168 * GURT VLP	 TE Part # 394628-E SRCP 1,27 6 F 1 I2426 137 E1 050 1,07 TR
 TE Part # 444750-E SRCP 1,27 6 F 1 SMD 137 * 105 * GURT RLV	 TE Part # 464245-E SRCA 1,27 6 F 1 IDC22 137 E1 094 1,27 TR	 TE Part # 474895-E SRCA 1,27 6 F 1 IDC22 137 E1 105 1,27 TR	 TE Part # 839019-E IDCCS SRC 1,27 6 * SFX SFX 100 PVC



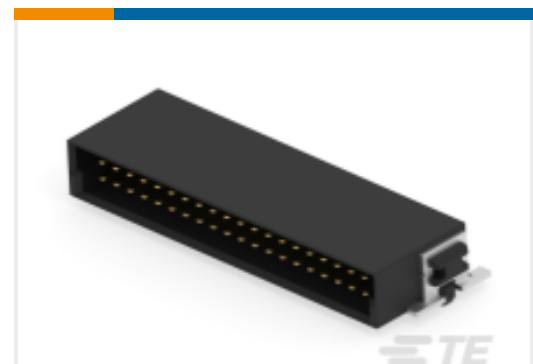
 TE Part # 839049-E IDCCS SRC 1,27 6 * SFX AFU 100 PVC	 TE Part # 839050-E IDCCS SRC 1,27 6 * SFX AFU 200 PVC	 TE Part # 839051-E IDCCS SRC 1,27 6 * SFX AFU 300 PVC	 TE Part # 839068-E IDCCS SRC 1,27 6 * SFX AFU 300 HT
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Also in the Series

ERNI MiniBridge

 Connector Hardware(1)	 PCB Headers & Receptacles(77)	 Pluggable I/O Cable Assemblies(26)	 Wire-to-Board Connector Assemblies & Housings(1)
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Customers Also Bought

 TE Part #054596-E SMCB 50 M AB VV 3-03 CLHD * 0007 137 E00	 TE Part #214011-E SRCA 1,27 2 M 1 SMD 137 E1 094 * GURT *	 TE Part #214012-E SRCA 1,27 4 M 1 SMD 137 E1 094 * GURT *	 TE Part #234834-E SRCA 2,54 2 M 1 SMD 137 E1 167 * GURT *
 TE Part #284696-E SRCP 1,27 3 M 1 SMD 137 E1 094 * GU-H *	 TE Part #284698-E SRCP 1,27 6 M 1 SMD 137 E1 094 * GU-H *	 TE Part #354096-E SMCB 32 M AB VV 7-03 CL * 0007 137 E004	 TE Part #354097-E SMCB 40 M AB VV 7-03 CL * 0007 137 E004
 TE Part #839428-E IDCCS SRC 1,27 3 * SPX APU 100 PVC	 TE Part #474181-E STVC/3 26 M ABC 0425 4-00 0606 * N860 24		



Documents

Product Drawings

[SRCA 1,27 6 M 1 SMD 137 E1 094 * GURT *](#)

English

[SRCA 1,27 6 M 1 SMD 137 E1 094 * GURT *](#)

German

CAD Files

Customer View Model

[ENG_CVM_CVM_214013-E_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_214013-E_1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_214013-E_1.2d_dxf.zip](#)

English

3D PDF

3D

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