

214025-E ✓ ACTIVE

ERNI | ERNI MiniBridge

TE Internal #: 214025-E

Cable-to-Board, 4 Position, 1.27 mm [.05 in] Centerline, One Piece - IDC, Gold (Au), Power & Signal, Black, ERNI MiniBridge

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **4**

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

Sealable: **No**

Number of Rows: **1**

Features

Product Type Features

Connector Shape	Rectangular
Header Type	One Piece - IDC
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Loaded Positions	4
Number of Positions	4
Number of Rows	1

Body Features

Primary Product Color	Black
-----------------------	-------

Contact Features

Contact Layout	Inline
Contact Type	Receptacle



Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Current Rating (Max)	8.7 A

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Mating Retention Type	Positive Lock
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	LCP
Centerline (Pitch)	1.27 mm [.05 in]

Dimensions

Connector Length	10.16 mm [.4 in]
Connector Height	11.4 mm [.449 in]
Connector Width	3 mm [.118 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
---------------------	----------------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Type	Tray
----------------	------

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	Not Yet Reviewed
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 2023 (235)

Candidate List Declared Against: JUNE 2022 (224)

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 # 214038-E
SRCP 1,27 6 F 1 I2426 137 * 162 1,07
TRA

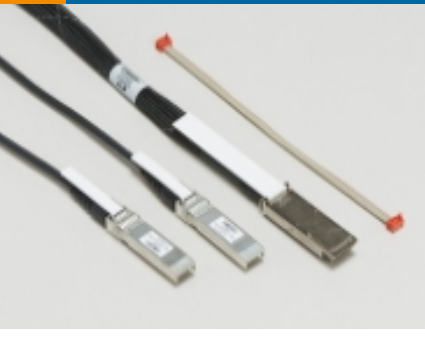


TE Part # 214039-E
SRCP 1,27 8 F 1 I2426 137 * 162 1,07
TRA

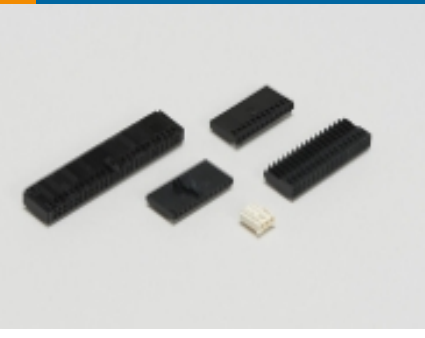
Also in the Series | ERNI MiniBridge



PCB Headers & Receptacles(81)

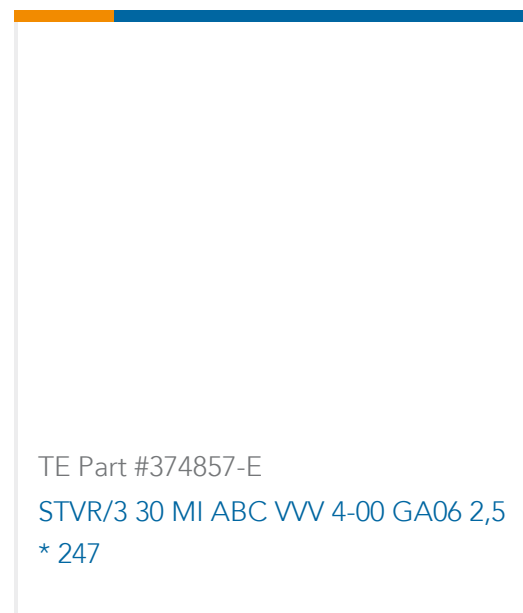
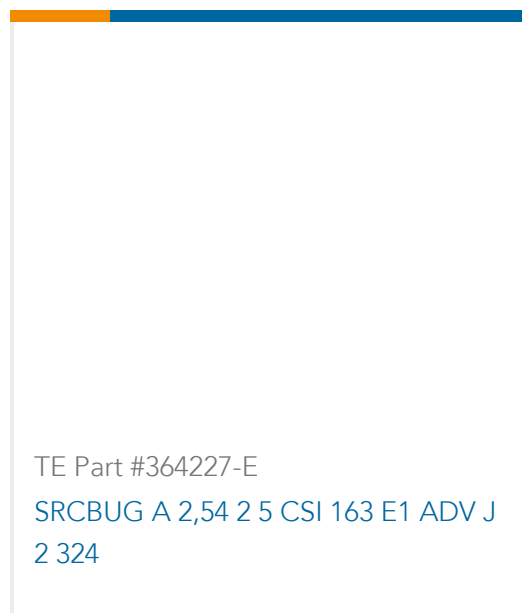
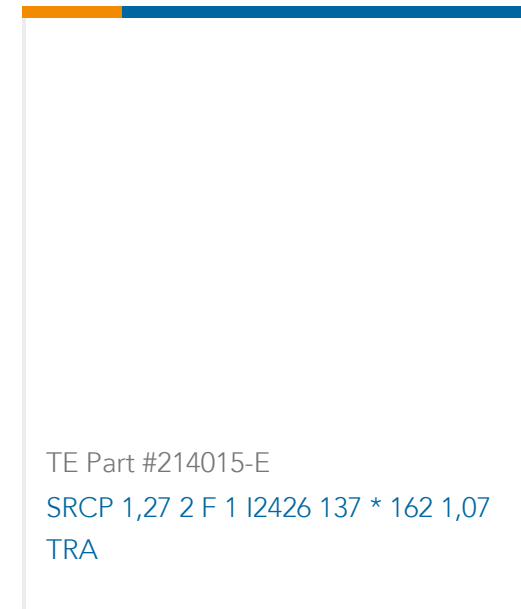
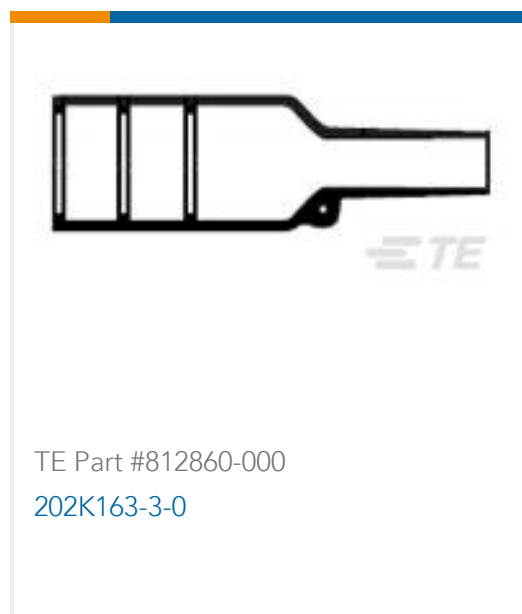


Pluggable I/O Cable Assemblies(20)



Wire-to-Board Connector Assemblies & Housings(1)

Customers Also Bought



Documents

Product Drawings

[SRCP 1,27 4 F 1 I2426 137 * 162 1,07 TRA](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_214025-E_1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_214025-E_1.3d_igs.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_214025-E_1.2d_dxf.zip](#)

English

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

Datasheets & Catalog Pages



[Datasheet - ERNI MiniBridge 1.27mm Connectors](#)

[Datasheet - ERNI MiniBridge 1.27mm Connectors](#)

English

[Datasheet - ERNI MiniBridge 1.27mm Connectors](#)

German