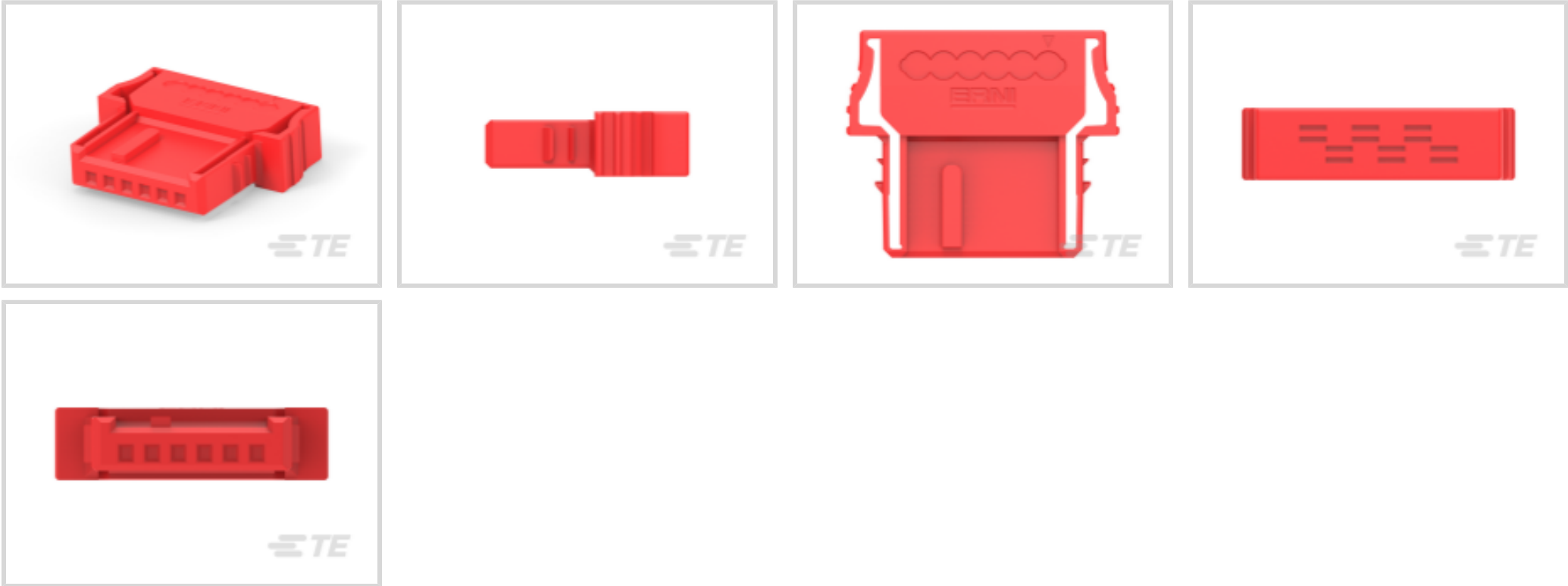




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

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

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Termination Resistance	5 mΩ
Insulation Resistance	100 MΩ

Body Features

Primary Product Color	Red
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Contact Features

Contact Layout	Inline
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Contact Type	Receptacle
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	9 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention Type	Latches
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Wire Size	.35 mm²
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Usage Conditions

Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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Other

Discrete Wire Connector Comment	Cable Outlet 90 Degree
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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: JAN 2023 (233)



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 # 524401-E
MCBP 2 F 2 035 137 * 197 1,27 TRAY VR2 J

TE Part # 524421-E
MCBP 4 F 2 035 137 * 197 1,27 TRAY VR2 J

TE Part # 524431-E
MCBP 5 F 2 035 137 * 197 1,27 TRAY VR2 J

TE Part # 524441-E
MCBP 6 F 2 035 137 * 197 1,27 TRAY VR2 J

TE Part # 524451-E
MCBP 8 F 2 035 137 * 197 1,27 TRAY VR2 J

TE Part # 524471-E
MCBP 10 F 2 035 137 * 197 1,27 TRAY VR2

TE Part # 524481-E
MCBP 12 F 2 035 137 * 197 1,27 TRAY VR2

TE Part # 524491-E
MCBP 14 F 2 035 137 * 197 1,27 TRAY VR2

Customers Also Bought



TE Part #316390-7
CAVITY PLUG FOR MINI M/LOCK

TE Part #1318620-2
TH/.025 CONNECTOR SYSTEM,
HOUSING

TE Part #2822343-1
MINI MLC PLUG HSG ASSY 7P

TE Part #917308-1
MINI MLC CONN REC CONT.

TE Part #1534594-1
MCON 1.2 CB REC SRC SN

TE Part #524421-E
MCBP 4 F 2 035 137 * 197 1,27 TRAY
VR2 J

TE Part #524431-E
MCBP 5 F 2 035 137 * 197 1,27 TRAY
VR2 J

TE Part #524441-E
MCBP 6 F 2 035 137 * 197 1,27 TRAY
VR2 J

TE Part #524481-E
MCBP 12 F 2 035 137 * 197 1,27 TRAY
VR2

Documents

Product Drawings

MCBP 6 F 2 035 137 * 203 1,27 TRAY VR2 J

English

CAD Files

Customer View Model

ENG_CVM_CVM_524444-E_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_524444-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_524444-E_1.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

524444-E

Connector Assembly, Receptacle, Cable-to-Board, 6 Position, .05 in [1.27 mm]
Centerline, Insulation Displacement (IDC), 1 Row, Red, Mating Retention



[Datasheet - ERNI MicroBridge Automotive Applications](#)

German

[Datasheet - ERNI MicroBridge Automotive Applications](#)

[Datasheet - ERNI MicroBridge Automotive Applications](#)

English