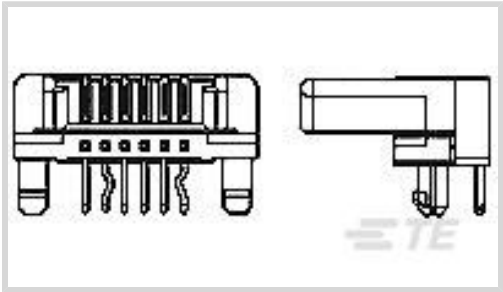




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **30**

Number of Rows: **1**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	30
Number of Rows	1

Electrical Characteristics

Insulation Resistance	100 MΩ
Operating Voltage	50 VAC

Body Features

Primary Product Color	White
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Contact Features

Contact Layout	Inline
Mating Tab Width	1.6 mm[.063 in]
Mating Tab Thickness	.25 mm[.01 in]
Contact Base Material	Phosphor Bronze



Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]
Contact Type	Receptacle
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Thickness	.6 mm[.024 in]
Rectangular Termination Post & Tail Width	.4 mm[.016 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type	Kinked Legs
Mating Alignment	With
Mating Alignment Type	Self-Aligning (Alignment Free)
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.25 mm[.049 in]
Housing Material	Nylon 6/6 GF

Dimensions

Connector Height	5.4 mm[.213 in]
Row-to-Row Spacing	3 mm[.118 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	108
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Packaging Method	Box, Tray
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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	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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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>

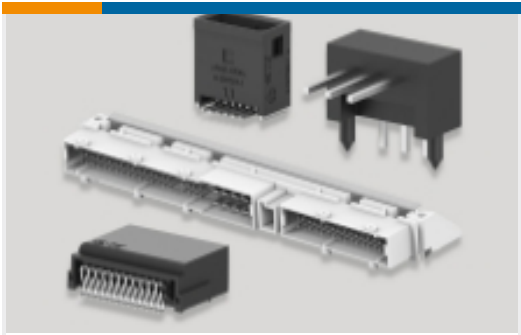
Compatible Parts



Also in the Series | AMPMODU 2 mm



[Connector Contacts\(27\)](#)



[PCB Headers & Receptacles\(8218\)](#)



[Wire-to-Board Connector Assemblies & Housings\(202\)](#)

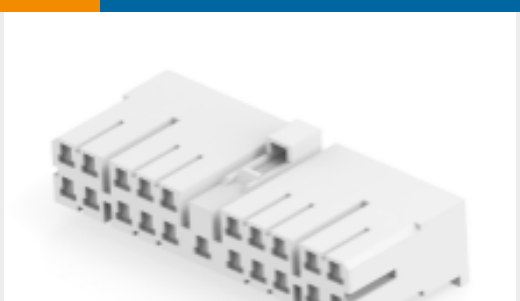
Customers Also Bought



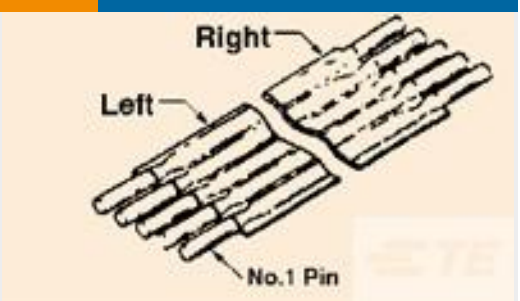
TE Part #019147-000  
[TXR40AB00-1007AI](#)



TE Part #3-917658-3  
[DYNAMIC D-3200 HDR ASSY 12P V](#)



TE Part #171838-1  
[MIC PLUG 21P W/CIRCUIT NUMBER](#)



TE Part #2-1437144-7  
[FSN-23A-11=NOMEX FS STD](#)

Documents

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_3-917360-0\\_C.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-917360-0\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-917360-0\\_C.3d\\_stp.zip](#)

English

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

Product Specifications

Product Specification

Japanese

Crimping Multi-Interlock Connector Contacts

Japanese