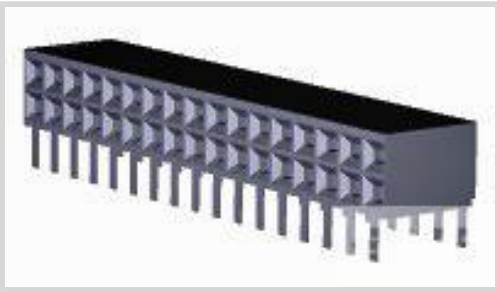




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **34**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Applied Pressure	High, Standard
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	2
Stackable	Yes
PCB Mount Orientation	Right Angle
Number of Positions	34

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	333 VAC

Body Features

Connector Profile	Standard
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Contact Features

Contact Protection Type	Closed Entry Housing
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Contact Mating Area Length	3 mm[.1 in]
Mating Square Post Dimension	.64 mm[.025 in]
	10 µin
Contact Shape & Form	Short Point
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Contact Type	Socket
Contact Current Rating (Max)	2 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Termination Post & Tail Length	2.92 mm[.115 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	Polyester - GF

Dimensions

Connector Height	6.05 mm[.238 in]
Row-to-Row Spacing	2.54 mm, 7.87 mm[.31 in]
Stack Height	8.13 mm[.32 in]
PCB Thickness (Recommended)	1.4 – 2.4 mm[.055 – .094 in]

Usage Conditions

Housing Temperature Rating	High
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Operating Temperature Range

-65 – 105 °C[-85 – 221 °F]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	13
Packaging Method	Box & Tube, Tube

Other

Comment	6.50 [.256] minimum positive pin stop to prevent shorting between rows., TE recommends mating gold or duplex plated headers with duplex plated receptacle assemblies.
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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 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 2021 (211) Candidate List Declared Against: JAN 2019 (197) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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

TE Part # 1-87215-7
34 MODII HDR DRST UNSHRD .100

TE Part # 2-86479-1
34 MODII HDR DRRR UNSHRD .100

Also in the Series | Modu Connector System

Automotive Housings(3)

Board-to-Board Headers & Receptacles(1243)

Board-to-Board Jumpers & Shunts(5)

PCB Connector Covers(4)

PCB Connector Keying(4)

Standard Edge Connectors(2)

Customers Also Bought

TE Part #2-331677-6
Mini Spring Sockets: Open Bottom, 5A

TE Part #120524-1
Free Height Receptacle Conn: Board-Board, Vertical, 64, 1mm

TE Part #1-794066-1
12P MINI UMNL HDR W/DH AU LF

TE Part #2-530743-2
MINI BOX PIN HDR ASSY 128 POS



TE Part #2-1617030-3
HFW1201F02 = M39016/6-223L

TE Part #HD36-24-21SE-059
DEUTSCH HD30 HOUSINGS

TE Part #1635014002
Single Wall RT 555: Heat Shrink
Tubing, 2:1 Shrink Ratio

TE Part #2-1625958-9
HB01RE 3M0 1% 100PPM

TE Part #103680-7
10 MTE COUPLING SHRD SR

TE Part #2-1617072-5
3SBC1516A2 = M39016/13-055M

Documents

Product Drawings

34 MODII HORZ DR CE

English

CAD Files

Customer View Model

ENG_CVM_535512-4_Y1.3d_igs.zip

English

Customer View Model

ENG_CVM_535512-4_Y1.2d_dxf.zip

English

Customer View Model

ENG_CVM_535512-4_Y1.3d_stp.zip

English

3D PDF

English

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

Product Specifications

Application Specification

English