7-534998-0 ✔ ACTIVE

[AMPMODU](#) | [Modu Connector System](#)

TE Internal #: 7-534998-0

PCB Mount Receptacle, Vertical, Board-to-Board, 40 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Modu Connector System
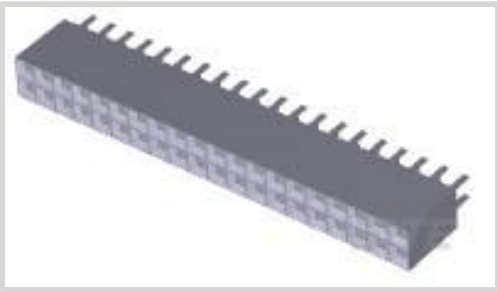
[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles

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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **40**

Number of Rows: **2**

Features

Electrical Characteristics

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	9.02 mm[.355 in]
PCB Thickness (Recommended)	1.57 mm[.055 – .094 in]
Connector Height	5.03 mm[.198 in]

Packaging Features

Packaging Quantity	11
Packaging Method	Tube, Box

Industry Standards

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

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Body Features

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Connector Profile	Low
Primary Product Color	Black

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Termination Features

Rectangular Termination Post & Tail Width	.7 mm[.028 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 7.61 µm
Contact Shape & Form	Round
Contact Protection Type	Closed Entry Housing
Contact Mating Area Length	3.77 mm[.148 in]
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	2 A

Housing Features

Mating Entry Location	Top
Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]

Configuration Features

Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	40
Number of Rows	2

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Product Type Features

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

Mechanical Attachment

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

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requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach
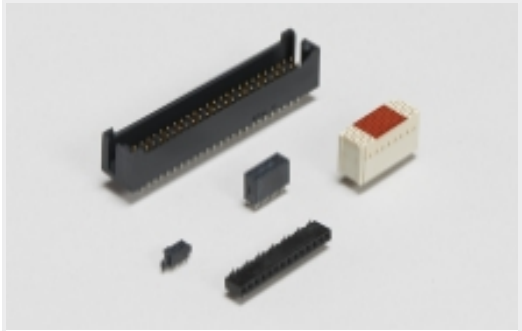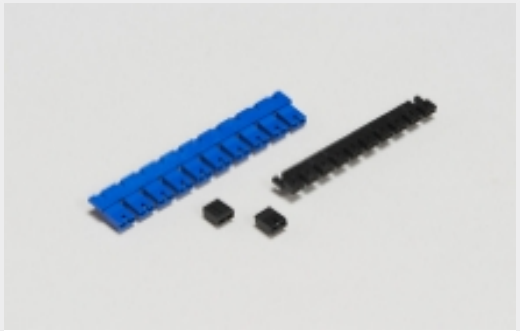
Compatible Parts

TE Part # 86286-1
KEYING PLUG

Also in the Series | Modu Connector System

Automotive Connector Caps & Covers (1)
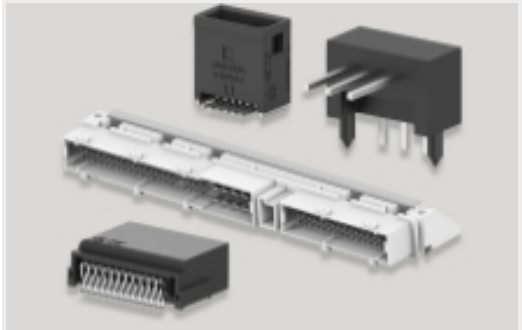
Board-to-Board Headers & Receptacles(814)

Board-to-Board Jumpers & Shunts(5)

Connector Caps & Covers(1)

Connector Hardware(4)

PCB Headers & Receptacles(814)

Customers Also Bought

TE Part #2205065-1
CA MICRO-MATCH MOW-MOW 14POS

TE Part #001-0009
ANTENNA,2.4/5.5 GHz Dipole
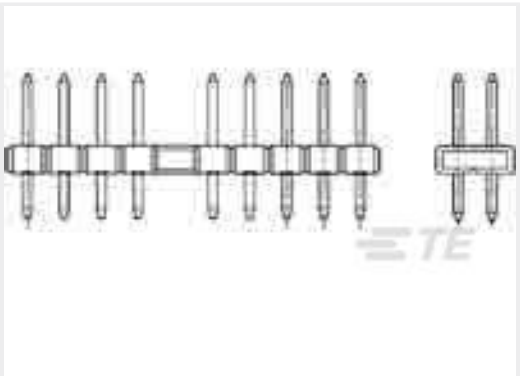
TE Part #3-2204801-8
ELCON MICRO,HEADER,VERTICAL DIP,8P

TE Part #4-2328724-5
45PIN 0.3MMP FPC CONNECTOR, FRONT FLIP

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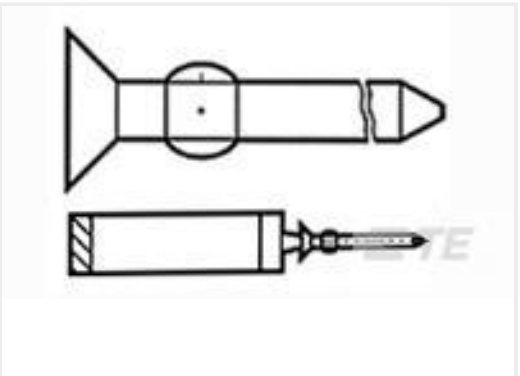
TE Part #L9000223-01
Antenna WiFi6/6E FPC SH 25x20 100 UFL

TE Part #2331405-1
DET SW5.5X4.7X2.0 GW HORZ.(L) NO AG RL

TE Part #3-5176264-4
40 AMPMODU 2MM DR VERT MNT LF

TE Part #641994-1
MTA100 KEYING PLUG W/CARRIER

TE Part #TRA6927M3PW-001
OMNI,DB,Ph,698/1710 MHz WHT,3 dBi,100W,

TE Part #LBMB9034-L
MOUNT,MIR,3/4 BLK,STD,90DEG

Documents

Product Drawings

40 MODIV VRT DR CE 100/125

English

CAD Files

Customer View Model

ENG_CVM_CVM_7-534998-0_R.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-534998-0_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-534998-0_R.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5

English

Product Specifications

Application Specification

English