



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: **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

Stackable	No
PCB Mount Orientation	Vertical
Number of Positions	40
Number of Rows	1
Board-to-Board Configuration	Parallel

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm
Contact Layout	Inline
Mating Pin Diameter	.63 mm[.025 in]



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Tin
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 μ m[30 μ in]
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.7 mm[.027 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

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

Housing Features

Mating Entry Location	Bottom
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	PCT GF

Dimensions

Connector Height	7 mm[.276 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	9 mm[.354 in]
PCB Thickness (Recommended)	1.4 – 2.4 mm[.055 – .094 in]

Usage Conditions

Operating Temperature Range	-65 – 125 $^{\circ}$ C[-85 – 257 $^{\circ}$ 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	50
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Packaging Type

Box, Tube

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 2023 (235)
 Candidate List Declared Against: JUNE 2023 (235)
 Does not contain REACH SVHC

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

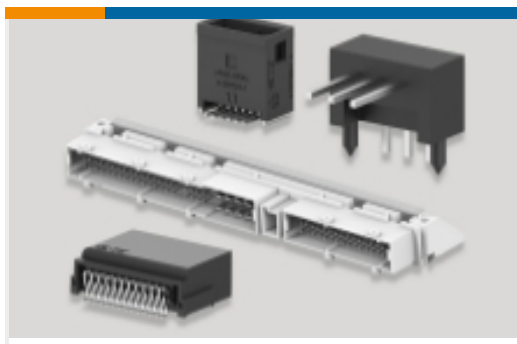
Product Compliance Disclaimer

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

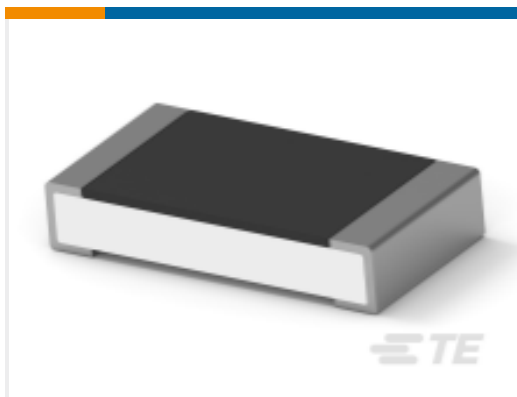
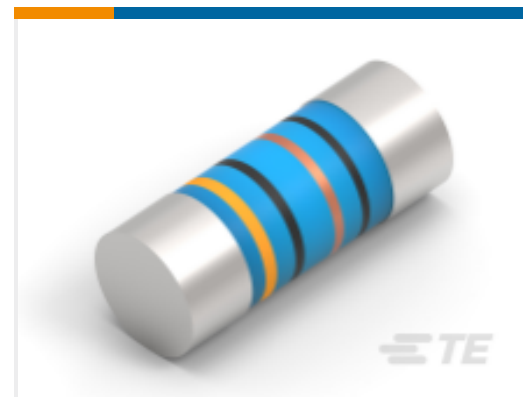


Also in the Series | [AMPMODU HV-100/HV-190](#)



PCB Headers & Receptacles(333)

Customers Also Bought

TE Part #4-2176391-7
RQ 1206 37K4 0.1% 10PPM 5K RLTE Part #2176314-4
MELF SMA_A 180R 0.1% 15PPM 0102
0.3WTE Part #1-1825006-9
GDS10S04=DIP SW,SLIDE,SMTTE Part #1-928836-2
MOD2 PIN WITH A-PIN L/PTE Part #7-2176246-6
CRGS2512 5% 1M8TE Part #3-1415020-1
PT570N20TE Part #1-1437581-1
ASE22RL=AUTOSLIDE DP

Documents

Product Drawings

[4P HV100 REC. CON, SMD, GOLD,TUBE PACK](#)

English

Datasheets & Catalog Pages

[1773393_AMPMODU_EUROPEAN_STANDARD_PRODUCTS](#)

English