

1375870-8 ✓ ACTIVE

AMPMODU | AMPMODU MICRO

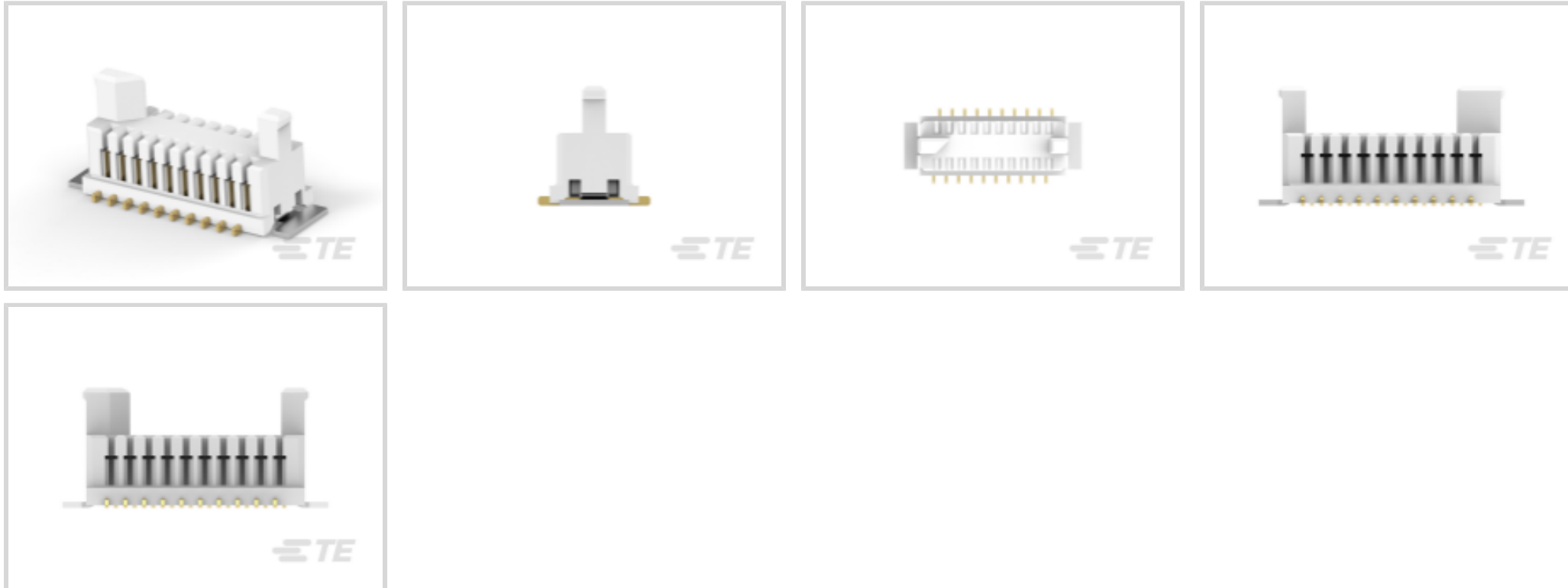
TE Internal #: 1375870-8

PCB Mount Receptacle, Vertical, Wire-to-Board, 20 Position, .8 mm
[.031 in] Centerline, Gold, Surface Mount, Signal, Natural, Reel,
AMPMODU MICRO

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Not Compliant**

EU ELV Compliance: **Not Compliant**

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

PCB Mount Orientation: **Vertical**

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

Features

Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Not Compliant

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	20
Number of Rows	2

Electrical Characteristics

Operating Voltage	30 VAC
Insulation Resistance	500 MΩ



Dielectric Withstanding Voltage (Max)	250 V
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	1.27 μm [50 μin]
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Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
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PCB Contact Termination Area Plating Material Thickness	.13 – .2 μm [5.12 – 7.87 μin]
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Contact Layout	Matrix
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Contact Base Material	Phosphor Bronze
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PCB Contact Termination Area Plating Material	Gold
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Contact Mating Area Plating Material Finish	Bright
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Contact Mating Area Plating Material	Gold
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Contact Type	Receptacle
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Contact Current Rating (Max)	1 A
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Termination Features

Rectangular Termination Post & Tail Width	.4 mm[.016 in]
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Rectangular Termination Post & Tail Thickness	.15 mm[.006 in]
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Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Retention	Without
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Mating Alignment Type	Polarization
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PCB Mount Retention Type	Boardlock
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PCB Mount Alignment Type	Polarization
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PCB Mount Retention	With
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PCB Mount Alignment	With
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
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Centerline (Pitch)	.8 mm[.031 in]
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Dimensions



Row-to-Row Spacing	2.6 mm[.1 in]
Connector Height	5 mm[.196 in]
Profile Height from PCB	5 mm[.196 in]
Connector Length	11.35 mm[.446 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	750
Packaging Method	Reel

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

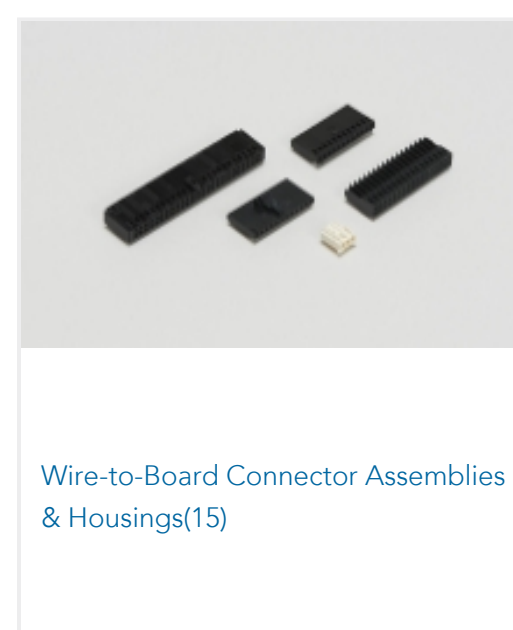
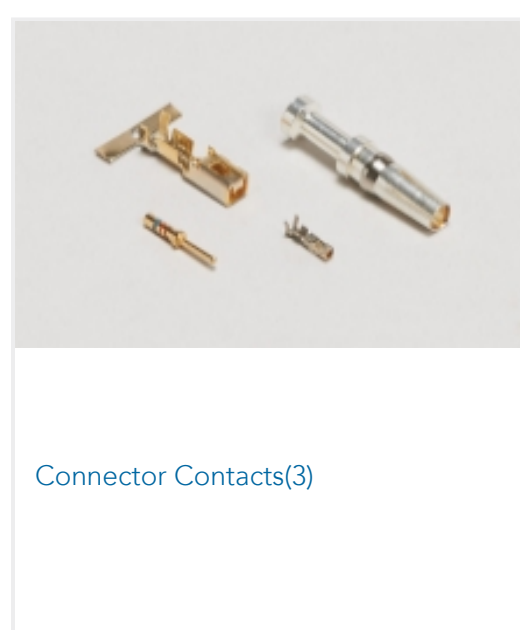
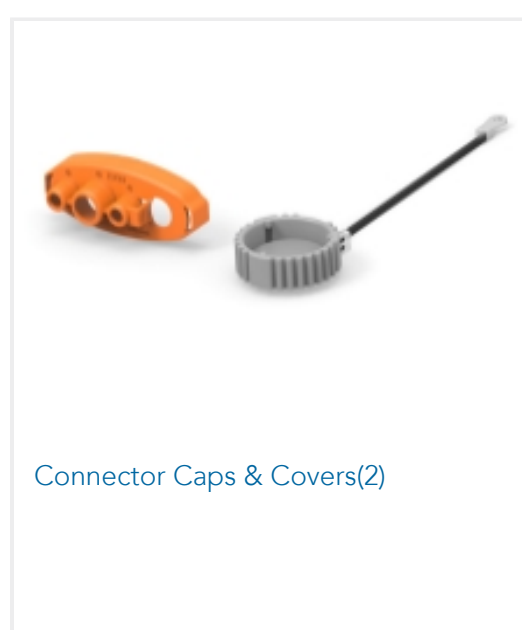
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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 MICRO



Customers Also Bought



Documents

Product Drawings

RCPT ASSY,20 POS,VERT,0.8MM MI

English

CAD Files



Customer View Model

[ENG_CVM_1375870-8_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1375870-8_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1375870-8_B.3d_stp.zip](#)

English

[3D PDF](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English