

1-917360-2 ✓ ACTIVE

AMPMODU | AMPMODU 2 mm

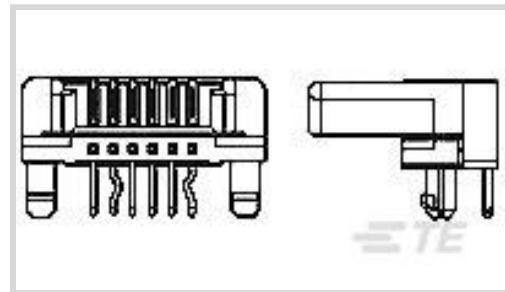
TE Internal #: 1-917360-2

PCB Mount Receptacle, Right Angle, Board-to-Board, 12 Position,  
1.25 mm [.049 in] Centerline, Tin, Through Hole - Solder, Signal,  
White, AMPMODU 2 mm

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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: **12**

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	12
Number of Rows	1

### Electrical Characteristics

Insulation Resistance	100 M $\Omega$
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 $\mu\text{m}$ [31.5 $\mu\text{in}$ ]
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 Printed Circuit Board	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 $^{\circ}\text{C}$ [-22 – 221 $^{\circ}\text{F}$ ]
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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	228
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Packaging Type

Box, Tray

### 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 2022 (224)  
 Candidate List Declared Against: JAN 2017 (173)  
 SVHC > Threshold:  
 Not Yet Reviewed

Halogen Content

Not Yet Reviewed for halogen content

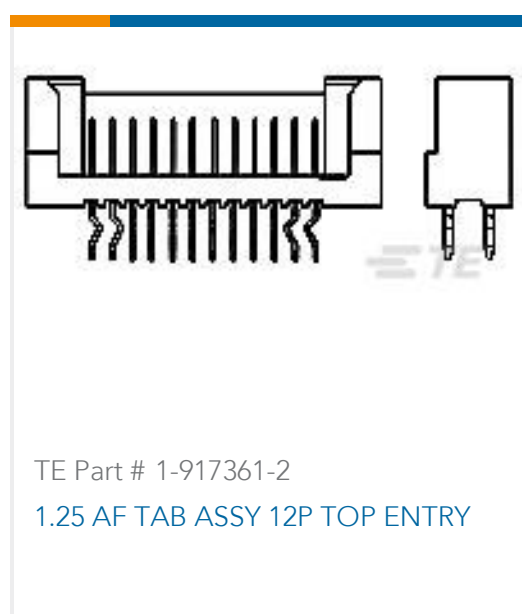
Solder Process Capability

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts



Also in the Series | [AMPMODU 2 mm](#)



PCB Headers &amp; Receptacles(9634)

Wire-to-Board Connector Assemblies  
& Housings(109)

Wire-to-Board Connector Contacts(27)

## Documents

### Product Drawings

#### 1.25 AF REC ASSY 12P B/TRAY

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-917360-2\\_C.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-917360-2\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-917360-2\\_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