

5-147726-6 ✓ ACTIVE

## AMPMODU

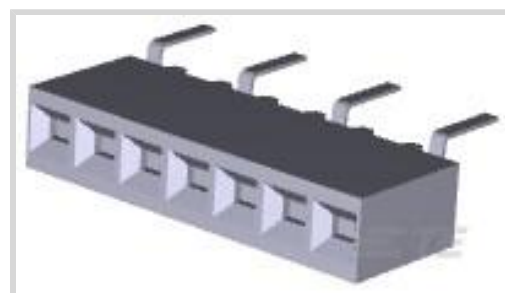
TE Internal #: 5-147726-6

PCB Mount Receptacle, Vertical, Board-to-Board, 7 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Black, Box / Tube

[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: **7**

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	Yes
PCB Mount Orientation	Vertical
Number of Positions	7
Number of Rows	1
Board-to-Board Configuration	Parallel

#### Electrical Characteristics

Insulation Resistance	5000 MΩ
Operating Voltage	333 VAC

#### Body Features

Connector Profile	Low
Primary Product Color	Black

#### Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
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Contact Shape & Form	Short Point
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 $\mu\text{m}$ [10 $\mu\text{in}$ ]
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	3.18 mm[.125 in]
Termination Method to PCB	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	Bottom & Top
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Polyester GF

### Dimensions

Connector Height	3.56 mm[.14 in]
Stack Height	9.02 mm[.355 in]
PCB Thickness (Recommended)	1.4 – 2.4 mm[.055 – .094 in]

### Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 125 $^{\circ}\text{C}$ [-85 – 257 $^{\circ}\text{F}$ ]

### Operation/Application

Circuit Application	Signal
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### Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
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UL Flammability Rating

UL 94V-0

### Packaging Features

Packaging Quantity

32

Packaging Method

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 2024 (241)  
Candidate List Declared Against: JUNE 2024 (241)  
Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

Solder Process Capability

Wave solder capable to 265°C

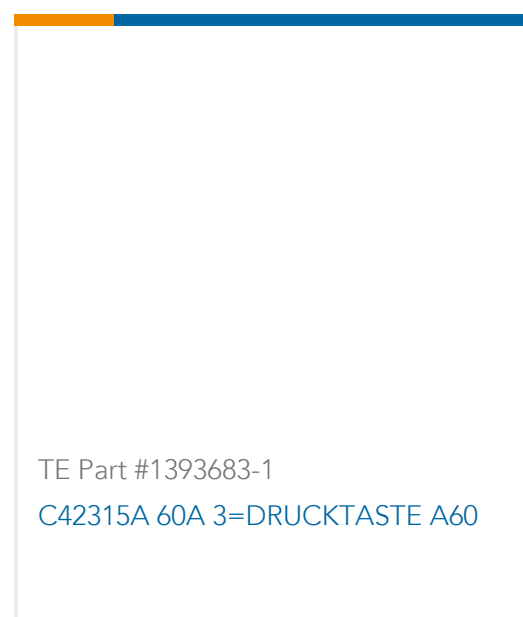
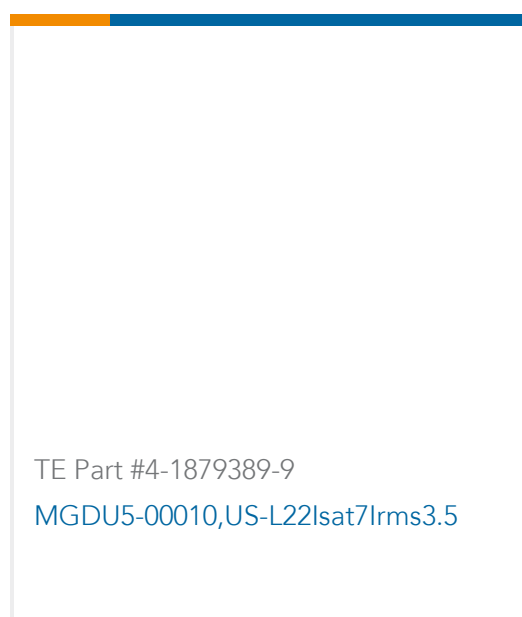
#### Product Compliance Disclaimer

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

### Compatible Parts



## Customers Also Bought



## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-147726-6\\_M.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-147726-6\\_M.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-147726-6\\_M.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\\_CONT](#)

English

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