

## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

### PRODUCT DRAWING

English

### 3D PDF

### TE CONNECTIVITY (TE) 2 ROW BOX PIN 110 POS R/A

AMP

531721-9

TE Internal Number: 531721-9

Mil-Spec: M55302/110-18

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **2.54 mm [.1 in]**

Number of Positions **110**

PCB Mounting Orientation **Right Angle**

### Product Drawings

#### Box Connector Right Angle Pin Assy 1001 Series

PDF ([TIFF AVAILABLE](#))

English

#### Box Connector Right Angle Pin Assy 1001 Series

PDF ([TIFF AVAILABLE](#))

English

### CAD Files

#### Customer View Model

3D\_IGS.ZIP

English

#### Customer View Model

3D\_STP.ZIP

English

#### Customer View Model

2D\_DXF.ZIP

English

#### 3D PDF

PDF

English

### Product Specifications

#### Application Specification

#### Box Header Assemblies And Receptacle Connectors With Contacts On 1.90 Mm [.075 In] And 2.54 Mm [.100 In.] Centerlines

PDF

English

#### Qualification Test Report

#### AMPMODU Connectors And AMP Box Contact Connectors

TIF

English

#### AMPMODU Connectors And AMP Box Contact Connectors

PDF

Japanese

#### AMPMODU Connectors And AMP Box Contact Connectors

PDF

English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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Product Type Features	Applies To	<b>Printed Circuit Board</b>
	Connector Style	<b>Plug</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Connector Type	<b>Header</b>
	Row-to-Row Spacing (in)	<b>.1</b>
	Stabilizers	<b>Without</b>
	Strain Relief	<b>Without</b>
	Board Standoff	<b>Without</b>
	Product Type	<b>Connector</b>
	Gasket	<b>Without</b>
	Sealed	<b>No</b>

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Configuration Features	Number of Positions	<b>110</b>
	Number of Rows	<b>2</b>
	Staggered Rows	<b>No</b>
	Keyed	<b>Yes</b>
	Selectively Loaded	<b>No</b>

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Body Features	Color	<b>Blue</b>
	Post Size	<b>.41 x .46 mm [.016 x .018 in]</b>
	Post Styles	<b>Posted</b>

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Contact Features	Contact Protection	<b>Without</b>
	Contact Shape	<b>Square</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Brass</b>
	Contact Mating Area Plating Thickness (µin)	<b>50</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead</b>
	Contact Mating Area Plating Material	<b>Gold</b>

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Termination Features	Termination Post Length	<b>5.461 mm [.215 in]</b>
	Termination End Plating Thickness (µin)	<b>100</b>
	Termination End Plating Material	<b>Tin-Lead</b>
	Termination Method to PC Board	<b>Through Hole</b>

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Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention	<b>Without</b>
	Panel Mount Retention	<b>With</b>
	Mating Alignment	<b>With</b>
	Mating Connector Lock	<b>Without</b>
	Mating Alignment Type	<b>Polarization</b>
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Housing Features	Centerline	<b>2.54 mm [.1 in]</b>
	Housing Color	<b>Blue</b>
	Housing Material	<b>Polyester-GF</b>
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Dimensions	PCB Thickness (Recommended)	<b>2.44 mm [.096 in]</b>
	Mating Post Length (in)	<b>.135</b>
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Packaging Features	Packaging Quantity	<b>1</b>
	Packaging Method	<b>Package</b>
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Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	