



## 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.

Product Type Features	Applies To	Printed Circuit Board
	Connector Style	Plug
	PCB Mounting Orientation	Right Angle
	Connector Type	Header
	Row-to-Row Spacing (in)	.1
	Stabilizers	Without
	Strain Relief	Without
	Board Standoff	Without
	Product Type	Connector
	Gasket	Without
	Sealed	No
Configuration Features	Number of Positions	110
	Number of Rows	2
	Staggered Rows	No
	Keyed	Yes
	Selectively Loaded	No
Body Features	Color	Blue
	Post Size	.41 x .46 mm [ .016 x .018 in ]
	Post Styles	Posted
Contact Features	Contact Protection	Without
	Contact Shape	Square
	Contact Type	Pin
	Contact Base Material	Brass
	Contact Mating Area Plating Thickness (µin)	50
	Solder Tail Contact Plating Material	Tin-Lead
	Contact Mating Area Plating Material	Gold
Termination Features	Termination Post Length	5.461 mm [ .215 in ]
	Termination End Plating Thickness (µin)	100
	Termination End Plating Material	Tin-Lead
	Termination Method to PC Board	Through Hole

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