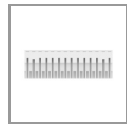




# STANDARD EDGE CONNECTORS



## TE CONNECTIVITY (TE) AMP DUOPLUG MARK II CONNEC.SELEC.LOADED

AMP | RAST 2.5 IDC Connectors

4-1534799-3

TE Internal Number: 4-1534799-3

Always EU RoHS/ELV Compliant

Product Type **Connector**

Number of Rows **1**

Housing Color **Natural**

Housing Material **PA 6 GF**

Selectively Loaded **Yes**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### Product Drawings

[AMP DUOPLUG 2.5 MKII FEMALE CONNECTOR 11-20 POSN. SELECTIVE LOADED](#)

PDF (TIFF AVAILABLE)  
English

[AMP DUOPLUG 2.5 MKII FEMALE CONNECTOR 11-20 POSN. SELECTIVE LOADED](#)

PDF (TIFF AVAILABLE)  
English

### CAD Files

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Product Specifications

Product Specification

[PRODUCT SPEC: FOR AMP DUOPLUG MK2 CONNECTOR](#)

PDF  
English

Application Specification

[APPLICATION SPEC. FOR AMP DUOPLUG 2.5 MARK II CONNECTOR](#)

PDF  
English

### Product Environmental Compliance

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	Product Type	<b>Connector</b>
	Connector Style	<b>Receptacle</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Connector System	<b>Wire-to-Board</b>
	Connector Type	<b>Connector Assembly</b>
	Wire/Cable Type	<b>Discrete Wire</b>
	Applies To	<b>Printed Circuit Board</b>
	Type of Connector	<b>Card Edge</b>
Profile	<b>Standard</b>	

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Configuration Features	Number of Rows	<b>1</b>
	Selectively Loaded	<b>Yes</b>
	Number of Positions	<b>13</b>
	Preloaded	<b>Yes</b>
	Pre-Assembled	<b>Yes</b>
	End Caps	<b>Without</b>
	Card Entry Style	<b>Side</b>
	Standoffs	<b>Without</b>

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Electrical Characteristics	Operating Voltage	<b>250 V</b>
	Hot Pluggable	<b>No</b>

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Body Features	Color	<b>Natural</b>
	Cable Exit Angle	<b>90°</b>

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Contact Features	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Current Rating (A)	<b>2</b>
	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Thickness (µm)	<b>3 – 6</b>
	Contact Base Material	<b>Copper Tin</b>

	Contact Type	Socket
Termination Features	Termination Method to Wire/Cable	<b>Insulation Displacement Crimp (IDC)</b>
Mechanical Attachment	PCB Mount Alignment	<b>With</b>
	Panel Mount Retention	<b>Without</b>
	Contact Retention	<b>With</b>
	Contact Retention Type	<b>Locking Lance</b>
	Mating Retention	<b>Without</b>
	PCB Mount Retention	<b>Without</b>
	Mating Alignment	<b>With</b>
	Mating Alignment Type	<b>Keyed</b>
Housing Features	Housing Color	<b>Natural</b>
	Housing Material	<b>PA 6 GF</b>
	Centerline	<b>2.5 mm [ .098 in ]</b>
	Housing Style	<b>Closed End</b>
Dimensions	Height	<b>7.3 mm [ .287 in ]</b>
	Wire/Cable Size	<b>24 – 22 AWG [ .22 – .35 mm<sup>2</sup> ]</b>
	Accepts Wire Insulation Diameter Range	<b>1.2 – 1.6 mm [ .047 – .063 in ]</b>
	PCB Thickness (Recommended)	<b>1.5 mm [ .059 in ]</b>
	Card Slot Depth (mm)	<b>5.05</b>
	Wire Insulation Diameter	<b>1.2 – 1.4 mm [ .047 – .055 in ]</b>
	Usage Conditions	Operating Temperature Range (°C)
Operation/Application	For Use With	<b>PCB Frame, Tab Header</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-2</b>
Packaging Features	Packaging Quantity	<b>4312</b>
	Packaging Method	<b>Box</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a>	

[VIEW ALL PRODUCT COMPLIANCE](#)