



CONNECTORS

## STANDARD EDGE CONNECTORS



TE CONNECTIVITY (TE)

### 16X3P FEDERLEIS 2,5

AMP | RAST 2.5 IDC Connectors

1-966194-3

TE Internal Number: 1-966194-3

Always EU RoHS/ELV Compliant

Product Type **Connector**

Number of Rows **1**

Housing Color **Natural**

Housing Material **PBTP**

Selectively Loaded **No**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**



#### Product Drawings

[AMP DUOPLUG 2.5 FEMALE CONNECTOR, 3-20 POSITION, DGB II AMP DUOPLUG 2.5 Federleiste, 3-20 Polig, DGB II](#)

PDF  
English

#### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[3D PDF](#)

PDF  
English

#### Catalog Pages/Data Sheets

[1654742\\_HOUSEHOLD\\_APPLIANCES\\_RAST5](#)

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	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>Stranded</b>
	Applies To	<b>Printed Circuit Board</b>

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Configuration Features	Number of Rows	<b>1</b>
	Selectively Loaded	<b>No</b>
	Number of Positions	<b>3</b>
	Preloaded	<b>Yes</b>
	Pre-Assembled	<b>Yes</b>
	End Caps	<b>Without</b>
	Number of Insulation Displacement Slots	<b>3</b>
	Card Entry Style	<b>Side</b>
	Number of Power Positions	<b>3</b>
	Standoffs	<b>Without</b>

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Electrical Characteristics	Operating Voltage	<b>63 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 Current Rating (A)	<b>2</b>
	Contact Mating Area Plating Material	<b>Pre-Tin</b>
	Contact Mating Area Plating Thickness (µm)	<b>5 – 12</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Type	<b>Socket</b>

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Termination Features	Termination Method to Wire/Cable	<b>Insulation Displacement Crimp (IDC)</b>
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Mechanical Attachment	PCB Mount Alignment	<b>Without</b>
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Mechanical Attachment	PCB Mount Alignment	Without
	Panel Mount Retention	Without
	Contact Retention	Without
	Mating Retention	Without
	Mating Alignment	With
	Mating Alignment Type	Keyed
Housing Features	Housing Color	Natural
	Housing Material	PBTP
	Centerline	2.5 mm [ .098 in ]
	Housing Style	Closed End
Dimensions	Height	7.35 mm [ .29 in ]
	Wire/Cable Size	22 AWG [ .35 mm <sup>2</sup> ]
	Accepts Wire Insulation Diameter Range	1.3 mm [ .051 in ]
	PCB Thickness (Recommended)	1.5 mm [ .059 in ]
	Card Slot Depth	5 mm [ .2 in ]
	Wire Insulation Diameter	1.3 mm [ .051 in ]
Usage Conditions	Operating Temperature Range (°C)	-40 – 110
Operation/Application	For Use With	PCB Frame, Tab Header
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Quantity	4480
	Packaging Method	Carton

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)



