



## CARD EDGE POWER CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

### CONN SEC II 10 POS 100C/L

L, Standard

5-5530843-0

TE Internal Number: 5-5530843-0

Always EU RoHS/ELV Compliant

Circuit Application **Power, Signal**

Contact Current Rating (A) **3**

Number of Dual Positions **10**

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

Termination Method to PC Board **Through Hole - Solder**

#### Product Drawings

#### CONNECTOR ASSEMBLY STANDARD EDGE II, .100 CENTERLINE

PDF  
English

#### CAD Files

#### Customer View Model

2D\_DXF.ZIP  
English

#### 3D PDF

PDF  
3D

#### Customer View Model

3D\_IGS.ZIP  
English

#### Customer View Model

3D\_STP.ZIP  
English

#### Catalog Pages/Data Sheets

#### POWER\_CONNECTORS\_CATALOG\_SEC03\_CARD\_EDGE

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#### Product Specifications

Product Specification

#### Connector, Standard Edge

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Application Specification

#### Standard Edge Card (SEC) II, SEC II Power, And High Current Card Edge Connectors

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#### Product Environmental Compliance

TE Material Declaration

#### MD\_5-5530843-0\_04132015527\_dmtec

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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	Housing Type	<b>Receptacle</b>
	Product Type	<b>Connector Assembly</b>
	Contact Type	<b>Socket</b>

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Configuration Features	Number of Dual Positions	<b>10</b>
	Centerline	<b>2.54 mm [ .1 in ]</b>
	Position Keyed	<b>0</b>
	Row-to-Row Spacing	<b>4.85 mm [ .191 in ]</b>
	Number of Rows	<b>2</b>
	PCB Mounting Orientation	<b>Vertical</b>

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Electrical Characteristics	Contact Current Rating (A)	<b>3</b>
	Operating Voltage	<b>400 V</b>

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Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness (µm)	<b>.76</b>
	Contact Termination Area Plating Finish	<b>Matte</b>
	Contact Termination Area Plating Thickness (µin)	<b>100</b>
	Contact Termination Area Plating Thickness (µm)	<b>2.54</b>
	Contact Retention	<b>Without</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Underplate Material	<b>Nickel</b>
Contact Termination Area Plating Material	<b>Tin</b>	

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Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>
	Termination Post/Tail Length	<b>3.18 mm [ .125 in ]</b>





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Mechanical Attachment	PCB Mount Retention	<b>With</b>
	Mating Retention	<b>Without</b>
	Mating Alignment	<b>With</b>
	PCB Mount Alignment	<b>Without</b>
	PCB Mount Retention Type	<b>Solder Tails</b>
	Mating Alignment Type	<b>Keyed</b>

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Housing Features	Housing Color	<b>Black</b>
	End Caps	<b>Without</b>
	Housing Material	<b>Polyester GF</b>
Dimensions	Card Slot Depth	<b>7.49 mm [ .295 in ]</b>
	Height	<b>15.49 mm [ .61 in ]</b>
Operation/Application	Circuit Application	<b>Power, Signal</b>
	Connector System	<b>Board-to-Board</b>
	Applies To	<b>Printed Circuit Board</b>
	Operating Temperature Range (°C)	<b>-55 – 85</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Method	<b>Package</b>
	Packaging Quantity	<b>306</b>
Other	For Use With	<b>Printed Circuit Board</b>
	Selectively Loaded	<b>No</b>
	Positions Unloaded	<b>None</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

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