



CONNECTORS

## RECTANGULAR POWER CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### CONN. ASSY RA, POWER WITHOUT D

[ET Power Connectors](#) | [ET Power Connectors](#)

1982295-2

TE Internal Number: 1982295-2

Always EU RoHS/ELV Compliant

Housing Type **Plug**

Applies To **Printed Circuit Board**

Number of Positions **2**

UL Flammability Rating **UL 94V-0**

Operating Temperature (°C) **20**



#### Product Drawings

[2 POS POWER CONNECTOR, WITH/ WITHOUT DETECTION CONTACTS PCB THICKNESS OF 1,6](#)

PDF  
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

#### Catalog Pages/Data Sheets

[POWER\\_CONNECTORS\\_CATALOG\\_SEC02\\_CABLE\\_MOUNTED](#)

PDF  
English

[2\\_PIECE\\_POWER\\_CONNECTORS\\_qrg\\_4-1773458-1](#)

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## Product Specifications

Product Specification	<a href="#">2 Pos. Cable-To-Board Power Connector System With Coding Contacts</a> PDF English
Quality Specification	<a href="#">Traceability Requirements On Productlabels CSG For Customer Ericsson</a> PDF English
Application Specification	<a href="#">Standard Timer Cable To Board Connector System</a> PDF English
Qualification Test Report	<a href="#">2 Pos. Cable-To-Board Power Connector System With Coding Contacts</a> PDF English

## Product Environmental Compliance

TE Material Declaration	<a href="#">MD_1982295-2_111020141457_dmtec</a> PDF English
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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.

Product Type Features	Housing Type	<b>Plug</b>
	Contact Type	<b>Pin</b>
Configuration Features	Number of Positions	<b>2</b>
	PCB Mounting Orientation	<b>Horizontal, Right Angle</b>
	Number of Rows	<b>1</b>
	Contact Layout	<b>Inline</b>
Contact Features	Contact Retention	<b>Without</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness (µm)	<b>.8</b>
	Contact Base Material	<b>Copper Alloy</b>
	Contact Termination Area Plating Thickness (µm)	<b>.8</b>
Termination Features	Termination Method to PC Board	<b>Through Hole</b>
	Termination Post/Tail Length (mm)	<b>2.6</b>
Mechanical Attachment	Mating Alignment	<b>With</b>
	PCB Mount Alignment	<b>Without</b>
	Mating Retention	<b>Without</b>
	PCB Mount Retention	<b>With</b>

PCB Mount Retention Type	<b>Mounting Holes</b>
Mating Alignment Type	<b>Polarization</b>
Strain Relief	<b>Without</b>

Housing Features	UL Flammability Rating	<b>UL 94V-0</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>LCP GF30 (Liquid Crystal Polymer)</b>

Dimensions	Height (mm)	<b>8</b>
	Length (mm)	<b>18.2</b>

Operation/Application	Applies To	<b>Printed Circuit Board</b>
	Operating Temperature (°C)	<b>20</b>

Packaging Features	Packaging Method	<b>Reel</b>
	Packaging Quantity	<b>240</b>

Other	Backwall/Post Interruptions	<b>Without</b>
	Assembly Process Feature	<b>Pick and Place Cover</b>

Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

