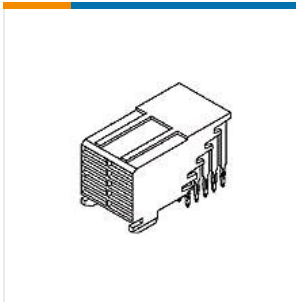




## RECTANGULAR POWER CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

**2MM FB,ASY,010,PWR,REC,EN,SEQ**

Z-PACK | SE

5536649-1

TE Internal Number: 5536649-1

Alias ID: C04157-000, PER-5536649-1

Always EU RoHS/ELV Compliant

Product Type **Connector Assembly**

Housing Type **Receptacle**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **3**

Number of Positions **10**

### Product Drawings

**ASSEMBLY, RECEPTACLE, 5 ROW, POWER MODULE, PRESS FIT LEAD, 3.56mm LEAD LENGTH, Z-PACK 2mm FB**

PDF (TIFF AVAILABLE)

English

**ASSEMBLY, RECEPTACLE, 5 ROW, POWER MODULE, PRESS FIT LEAD, 3.56mm LEAD LENGTH, Z-PACK 2mm FB**

PDF (TIFF AVAILABLE)

English

### CAD Files

**3D PDF**

PDF

English

**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\_SEC01\_BOARD\_TO\_BOARD**

PDF

English

### Product Environmental Compliance

TE Material Declaration

**MD\_5536649-1\_02022016555\_dmtec**

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	Product Type	<b>Connector Assembly</b>
	Housing Type	<b>Receptacle</b>
	Contact Type	<b>Socket</b>
Configuration Features	Number of Positions	<b>10</b>
	Centerline	<b>2 mm [ .079 in ]</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Number of Power Positions	<b>10</b>
	Number of Rows	<b>5</b>
	Row-to-Row Spacing	<b>2 mm [ .079 in ]</b>
	Contact Layout	<b>Matrix</b>
	Interface Type	<b>Futurebus+</b>
Electrical Characteristics	Contact Current Rating (A)	<b>3</b>
Contact Features	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness (µm)	<b>.76</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Termination Area Plating Thickness	<b>1.27 µm [ 50 µin ]</b>
Termination Features	Termination Method to PC Board	<b>Through Hole - Press-Fit, Through Hole - Solder</b>
	Termination Post/Tail Length	<b>3.56 mm [ .14 in ]</b>
Mechanical Attachment	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Solder Peg</b>
	Mating Alignment Type	<b>Polarizing Rib</b>
Housing Features	Housing Material	<b>LCP (Liquid Crystal Polymer)</b>
Dimensions	Height	<b>13.3 mm [ .52269 in ]</b>
Operation/Application	Applies To	<b>Printed Circuit Board</b>
	Operating Temperature	<b>-55 – 125 °C [ -67 – 257 °F ]</b>
	Circuit Application	<b>Power</b>

Packaging Features

Packaging Method

**Tube**

Packaging Quantity

**48**

Other

For Use With

**Plug**

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

BOARD-TO-BOARD HEADERS & RECEPTACLES	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	SFP/SFP+/ZSFP+
			
0.8FH, R09H.5, 080, 08/Sn, TR, SC 5-5179180-3	UNV, PWR, MDL.HDR, R-PEGS 5223961-1	UPM EXPANDED RCPT ASSEMBLY 120953-5	SFP+ 1x6 Cage Assembly 2007251-1
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