



# CIRCULAR POWER CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## 23-37 RCPT HSG,REV SEX,CPC

AMP | CPC

213864-1

TE Internal Number: 213864-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Number of Positions **37**

Applies To **Panel**

Housing Type **Receptacle**

Reverse Gender **Reverse**

### Product Drawings

[RECEPTACLE HOUSING, REVERSE SEX, SIZE 23, CPC](#)

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### CAD Files

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
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[Customer View Model](#)

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

[AMP Circular Connectors For Commercial Signal & Power Applications](#)

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### Product Specifications

Application Specification

[Circular Plastic Connectors \(CPC\)](#)

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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

Product Type

**Housing**

Housing Type

**Receptacle**

Contact Type

**Socket**

	Contact type	<b>Socket</b>
Configuration Features	Number of Positions	<b>37</b>
	Reverse Gender	<b>Reverse</b>
	Number of Power Positions	<b>0</b>
	Number of Signal Positions	<b>37</b>
	Keying	<b>B</b>
Body Features	Thread Size	<b>1-3/8 - 18 UNEF-2A</b>
Contact Features	Contact Protection	<b>With</b>
Mechanical Attachment	Mating Alignment	<b>With</b>
	Mating Retention	<b>With</b>
	Panel Mount Retention Type	<b>Flange with Mounting Holes</b>
	Mating Retention Type	<b>Threaded Coupling</b>
	Mating Alignment Type	<b>Keyed</b>
Housing Features	Housing Color	<b>Black</b>
	Shell Type	<b>All Plastic</b>
	Housing Material	<b>Nylon - GF</b>
	Shell Size	<b>23</b>
	UL Flammability Rating	<b>UL 94V-0</b>
	Body Orientation	<b>Straight</b>
Dimensions	Accepts Wire Insulation Diameter Range	<b>2.54 mm [ .1 in ]</b>
Usage Conditions	Sealed Condition	<b>Not Sealed</b>
	Fluid Resistance	<b>None</b>
Operation/Application	Applies To	<b>Panel</b>
Identification Marking	Reverse Numbering	<b>With</b>
Industry Standards	VDE Tested	<b>No</b>
Packaging Features	Packaging Method	<b>Package</b>

Other

Comment





4 Locating Key Arrangement.

Product Compliance

Statement of Compliance  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Circular Power Connectors  
AMPI CPC

### CPC PLUG ASSEMBLY SIZE 23-37 - 213850-1

TE INTERNAL NUMBER: 213850-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Number of Positions **37**

Connector System **Wire-to-Wire**

Housing Type **Plug**

Reverse Gender **Reverse**

