



## CIRCULAR POWER CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

### 23-37 RECEPT REV SEX

AMP | CPC

206306-1

TE Internal Number: 206306-1

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, SHELL SIZE 23, CPC](#)

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

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

PDF  
English

#### Product Specifications

Application Specification

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

PDF  
English

#### Product Environmental Compliance

TE Material Declaration

[MD\\_206306-1\\_07292015914\\_dmtec](#)

PDF  
English

#### Instruction Sheets

Instruction Sheet (U.S.)

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

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>Housing</b>
	Housing Type	<b>Receptacle</b>
	Contact Type	<b>Socket</b>

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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>A</b>

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Body Features	Thread Size	<b>1-3/8 - 18 UNEF-2A</b>
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Contact Features	Contact Protection	<b>With</b>
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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>

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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>

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Dimensions	Accepts Wire Insulation Diameter Range	<b>2.54 mm [.1 in]</b>
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Usage Conditions	Sealed Condition	<b>Not Sealed</b>
	Shielded	<b>No</b>
	Fluid Resistance	<b>None</b>

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Operation/Application	Applies To	Panel
Identification Marking	Reverse Numbering	<b>Without</b>
Industry Standards	VDE Tested	<b>No</b>
Packaging Features	Packaging Method	<b>Standard</b>
	Packaging Quantity	<b>1</b>
Other	Comment	<b>5 Locating Key Arrangement.</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

CIRCULAR POWER CONNECTORS	TRIMMERS	POWER CONTACTS	D-SUB BACKSHELLS & CLAMPS
 <p><b>CPC PLUG ASSEMBLY SIZE 23-37</b> 206305-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>416X 10K</b> 416CA103P</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>III+ SKT, 18-16, TIN , LP</b> 1-66101-9</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>CABLE CLAMP KIT, SZ 2</b> 5747099-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>

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Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		
	<p>Connectors - Circular Power Connectors AMPI CPC</p> <p><b>CPC PLUG ASSEMBLY SIZE 23-37 - 206305-4</b></p> <p>TE INTERNAL NUMBER: 206305-4</p>	<p><b>Always EU RoHS/ELV Compliant</b></p> <p>Product Type <b>Housing</b></p> <p>Number of Positions <b>37</b></p>



TE INTERNAL NUMBER: 206305-1

✓ Active

Connector System **Wire-to-Wire**

Housing Type **Plug**

Reverse Gender **Reverse**

RELATIONSHIP

**Mating Products**

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Circular Power Connectors  
AMP | CPC

**CPC PLUG ASSEMBLY  
SIZE 23-37 - 206305-1**

TE INTERNAL NUMBER: 206305-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Number of Positions **37**

Connector System **Wire-to-Wire**

Applies To **Panel**

Housing Type **Plug**

