



CIRCULAR POWER CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

CPC PLUG ASSEMBLY SIZE 23-37

AMP | CPC

206305-1

TE Internal Number: 206305-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Number of Positions **37**

Connector System **Wire-to-Wire**

Applies To **Panel**

Housing Type **Plug**

Product Drawings

[PLUG ASSEMBLY, SHELL SIZE 23, REVERSE SEX, SERIES 1, CPC](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
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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_206305-1_07292015913_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.

Product Type Features	Product Type	Housing
	Housing Type	Plug
	Contact Type	Pin

Configuration Features	Number of Positions	37
	Reverse Gender	Reverse
	Number of Power Positions	0
	Number of Signal Positions	37
	Keying	A

Body Features	Thread Size	1-3/8 - 18 UNEF-2A
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Contact Features	Contact Protection	With
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Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	Panel Mount Retention Type	Flange
	Mating Retention Type	Threaded Coupling
	Mating Alignment Type	Keyed

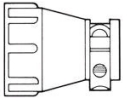


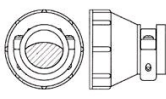
Housing Features	Housing Color	Black
	Shell Type	All Plastic
	Housing Material	Thermoplastic
	Shell Size	23
	UL Flammability Rating	UL 94V-0
	Body Orientation	Straight

Usage Conditions	Sealed Condition	Not Sealed
	Shielded	No
	Fluid Resistance	None

Operation/Application	Connector System	Wire-to-Wire
	Applies To	Panel

Identification Marking	Reverse Numbering	Without
Industry Standards	VDE Tested	No
Packaging Features	Packaging Method	Bag
	Packaging Quantity	100
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>CIRCULAR CONNECTOR BACKSHELLS & CLAMPS</p>  <p>CLAMP CBL SHELL SIZE 23 206138-8</p> <p>Save to List Find Similar Products</p>	<p>CIRCULAR POWER CONNECTORS</p>  <p>23-37 RECEPT REV SEX 206306-1</p> <p>Save to List Find Similar Products</p>	<p>PADDLE & ROCKER SWITCHES</p>  <p>PRCSA1-20F-BB0BW, POWER ROCKER 1571095-2</p> <p>Save to List Find Similar Products</p>	<p>CIRCULAR CONNECTOR BACKSHELLS & CLAMPS</p>  <p>23 SIZE CPC STD CLAMP 182652-1</p> <p>Save to List Find Similar Products</p>
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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

23-37 F H RECEPT REV SEX - 206306-2

TE INTERNAL NUMBER: 206306-2

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Number of Positions **37**

Connector System **Wire-to-Wire**

Applies To **Panel**

Housing Type **Receptacle**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Circular Power Connectors
AMPI CPC

CPC POSTED RCPT, 23-37, R/A - 796409-1

TE INTERNAL NUMBER: 796409-1

✓ Active

Not EU RoHS or ELV Compliant

Product Type **Connector Assembly**

Number of Positions **37**

Connector System **Wire-to-Board, Wire-to-Panel**

Applies To **Panel, Printed Circuit Board**

Housing Type **Receptacle**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Circular Power Connectors
AMPI CPC

CPC PSTD RCPT, 23-37, R/A LF - 1-796409-1

TE INTERNAL NUMBER: 1-796409-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Connector Assembly**

Number of Positions **37**

Connector System **Wire-to-Board, Wire-to-Panel**

Applies To **Panel, Printed Circuit Board**

Housing Type **Receptacle**