



## General Information

<b>Kit Part Number:</b>	<a href="#">2110839-3</a>
<b>Description:</b>	Panel Mount and Free Hanging Plug, Receptacle, Cable Clamp, Flexible Cable Boot, Cable Grip, Receptacle Sealing Cap Kit
<b>Application:</b>	Aerospace/Defense Equipment and Systems, Agricultural Machinery Lighting, Auto/Bus/Truck Lighting, Commercial and Building Equipment, Communication Equipment, Computers and Peripherals, Construction Equipment Lighting, Data Storage, Factory Automation, HVAC Systems, Industrial Machines, Lighting and Signage Motor Vehicles, Material Handling, Medical Equipment, Networking, Off-Road and Recreational Vehicle Lighting, Rail and Transit Vehicles and Systems
<b>Family:</b>	CPC (Circular Plastic Connector)
<b>TE Brand:</b>	AMP Products
<b>Solution:</b>	Power Connectors
<b>Product Type:</b>	Wire-to-Wire Connectors
<b>Number of Pieces:</b>	22
<b>RoHS:</b>	Yes

## Specifications

<b>Circuit Size(s):</b>	3
<b>Color:</b>	Black
<b>Crimp Terminal:</b>	Male, Female
<b>Current Rating:</b>	15A, 35A
<b>Material:</b>	Tin, Silver
<b>Mounting Style:</b>	Panel Mount, Free-Hanging
<b>Orientation:</b>	Receptacles, Plugs
<b>Pitch:</b>	No Pitch - Circular
<b>Series:</b>	3
<b>Sex:</b>	Standard, Reverse
<b>Shell Size:</b>	17
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	250V
<b>Wire Gauge (AWG):</b>	10, 14-12, 16

## Product Highlights

Circular Plastic Connectors (CPC) offer a rugged, reliable connector system suitable for a wide range of applications. The circular configuration provides designers with an efficient use of real estate and the mounting options include panel mount, free-hanging and wire-to-board. Receptacle and plug housings accept Type III+ or Size 20 signal contacts, Type XII power contacts or AMP POWERBAND (size 8) contacts. The housings come in six series designed to handle standard and high density signal, power with current up to 50A per contact and combinations of signal and power in the same housing. Sealing to IP67 is also offered in several configurations. The CPC line includes accessories to complete the cable or panel assembly process such as cable clamps and boots, keying plugs, and sealing caps. CPC is UL Recognized (File No. E28476) and CSA Certified (File No. LR 7189).

### Features and Benefits

- Quick connect/disconnect - Cable to Cable, Cable to Board, Cable to Panel - for packaging versatility
- Positive locking coupling provides for proper mating
- Plugs and Receptacles accommodate Signal contacts, Power, or a combination of both for wider design and application flexibility



- Removable contacts and replaceable coupling ring make field repair easy

#### Applications

- Aerospace and Defense Equipment and Systems
- Industrial Machinery
- Factory Automation
- Material Handling Equipment
- Rail and Transit Vehicles and Systems
- Medical Instrumentation & Equipment:
- Communication Equipment
- Networking
- Data Storage
- Computers & Peripherals
  
- HVAC
- Commercial and Building Equipment
- Lighting and Signage Motor Vehicles:
- Auto/Bus/Truck
- Off-Road and Recreational Vehicles
- Agricultural Machinery
- Construction Equipment



**Bill of Materials**

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">206207-1</a>	1	Size 17-3 Free-Hanging Receptacle Series III Standard Sex	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">206037-2</a>	1	Size 17-3 Plug Series III Standard Sex	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">207445-3</a>	1	Sealing Cap (Receptacle only) Size 17 &bull;Plastic Strap Ca...		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">206036-2</a>	1	Size 17-3 Panel Mount (Square Flange) Receptacle Series III ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">66261-5</a>	3	Male Type XII Crimp 16 and (14-12) AWG Power Contacts Tin	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-66740-1</a>	3	Female Type XII Crimp 16 and (14-12) AWG Power Contacts Tin	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">66259-4</a>	3	Male Type XII Crimp 10 AWG Power Contacts Silver	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">66741-2</a>	3	Female Type XII Crimp 10 AWG Power Contacts Silver	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">206070-8</a>	1	Cable Clamp Size 17	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">207241-1</a>	1	Cable Boot Size 17	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">207387-1</a>	1	Cable Gripper Size 17	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">206426-1</a>	1	Reverse Size 17-3 Plug Series III	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">206425-1</a>	1	Reverse Size 17-3 Panel Mount (Square Flange) Series III Rec...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">206425-2</a>	1	Reverse Size 17-3 Free-Hanging Series III Receptacle	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">539635-1</a>	No
<a href="#">539668-2</a>	No
<a href="#">90145-2</a>	No
<a href="#">90145-1</a>	No
<a href="#">91019-3</a>	No







Wire-to-Wire Category

Kit Part No. **2110839-3**

## Series 3 CPC (Circular Plastic Connector) Power Connector Kit

Panel Mount and Free Hanging Plug, Receptacle, Cable Clamp, Flexible Cable Boot, Cable Grip, Receptacle Sealing Cap

- 3 Circuit
- Standard and Reverse Sex, Series 3, Size 17 only
- Type XII Male and Female Terminals: 16, 14-12 and 10 AWG<sup>2</sup> (Silver)
- 250 Volts

Additional kits available at: [www.productkits.com](http://www.productkits.com)

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**WARNING:** Failure to follow all instructions in Application Specification (34-02036, 124-02037, 124-02038) (available at [www.te.com](http://www.te.com)) may result in unsafe operation. Installation and/or wiring which is performed and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

**22**  
pieces



Produced from TE Connectivity.  
Kits designed and assembled by  
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