



General Information

Kit Part Number:	2110839-6
Description:	Panel Mount and Free Hanging Plug, Receptacle, Heat Shrink Boot, Jam Nut, Flange Seal, Strain Relief and Receptacle Sealing Cap Kit
Application:	Aerospace/Defense Equipment and Systems, Agricultural Machinery Lighting, Auto/Bus/Truck Lighting, Commercial and Building 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
Family:	CPC (Circular Plastic Connector)
TE Brand:	AMP Products
Solution:	MRO (Maintenance, Repair and Operation)
Product Type:	Wire-to-Wire Connectors
Number of Pieces:	59
RoHS:	Yes

Specifications

Circuit Size(s):	4
Color:	Black
Crimp Terminal:	Male, Female
Current Rating:	5A
Material:	Tin
Mounting Style:	Panel Mount, Free-Hanging
Orientation:	Receptacles, Plugs
Pitch:	No Pitch - Circular
Sex:	Standard
Shell Size:	8
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	22-18

Product Highlights

Miniature Circular Plastic Connectors (CPC) are available in wire-to-wire and wire-to-panel configurations. Utilizes existing Mini-Universal MATE-N-LOK stamped and formed contacts designed for up to 500 mating cycles when plated with gold or up to 50 cycles with tin plating. Nylon housings offer good resistance to a wide range of chemical agents while the IP67 sealing helps prevent ingress of dirt or fluids that could have an adverse effect on the contact interface. Ideal for Industrial, Instrumentation and Transportation applications where size, contact density and environmental exposure are primary concerns.

Features and Benefits

- Sealed to IP67 (Protected against immersion in water up to 1 meter for 1/2 hour)
- Front or rear jam nut panel mounting
- Pre-positioned 1/4 turn coupling ring with positive lock and alignment feature
- Unique contact pattern for each position size helps prevent accidental mating with other position sizes
- Two shell sizes: Size 8 (1-4) or Size 11 (5-9) contact positions
- No assembly required
- Receptacle available in free-hanging or panel mount versions



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
770987-1	25	Male Terminals 22-18 AWG	Datasheet	Details	Search
770988-1	25	Female Terminals 22-18 AWG	Datasheet	Details	Search
1445421-3	1	Panel Mount Receptacle Miniature C Shell Size 8, 4 Circuit	Datasheet	Details	Search
1445389-3	1	Free-Hanging Receptacle Miniature C Shell Size 8, 4 Circuit	Datasheet	Details	Search
1445390-3	2	Plug Miniature C Shell Size 8, 4 Circuit	Datasheet	Details	Search
1546997-1	1	Size 8 Heat Shrink Boot Miniature CPC	Datasheet	Details	Search
1445730-1	1	Size 8 Strain Relief Miniature CPC	Datasheet	Details	Search
1604196-1	1	Size 8 Jam Nuts Miniature CPC	Datasheet	Details	Search
1604089-1	1	Size 8 Dust Caps Miniature CPC	Datasheet	Details	Search
1445420-1	1	Size 8 Flange Seals Miniature CPC	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91002-1	No
189727-1	No
91522-1	No
455830-1	No
1604816-1	No
90759-1	No
91522-3	No







Wire-to-Wire Category

TE connectivity
Authorized
Distributor

Kit Part No. **2110839-6**

Miniature CPC (Circular Plastic Connector) Kit

Panel Mount and Free Hanging Plug, Receptacle, Heat Shrink Boot, Jam Nut, Flange Seal, Strain Relief and Receptacle Sealing Cap

- 4 Circuit
- Size 8 only
- 5 Amps (Max.), 250 Volts
- Male and Female Terminals: 22-28 AWG¹
- For wire insulation diameter: 1.50 – 2.40mm

¹ See Appendix A-10.

Additional kits available at: www.productkits.com

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WARNING: Failure to follow all instructions in Application Specifications (34-50057 and 34-50058) location of wires in configurations, including using only approved TE tooling (if applicable), can result in improper installation and/or operation which is hazardous and may cause or contribute to electrical fires. Should be used only by technicians with proper training and experience.

59
pieces



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Produced from TE Connectivity.
Kits designed and assembled by
Waldom Electronics.