



General Information

Kit Part Number:	2110839-2
Description:	Deluxe Panel Mount and Free Hanging Plug, Receptacle, Cable Clamp, Flexible Cable Boot, Cable Grip, Receptacle Sealing Cap and Keying Plug with Extraction Tool Kit
Application:	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
Family:	CPC (Circular Plastic Connector)
TE Brand:	AMP Products
Solution:	Free Hanging, Panel Mount
Product Type:	Wire-to-Wire Connectors
Number of Pieces:	23
RoHS:	Yes

Specifications

Circuit Size(s):	4
Color:	Black
Crimp Terminal:	Male, Female
Current Rating:	Current Dependent on AWG
Material:	Tin
Mounting Style:	Panel Mount, Free-Hanging
Orientation:	Receptacles, Plugs
Pitch:	No Pitch - Circular
Series:	1
Sex:	Standard, Reverse
Shell Size:	11
Tool Included:	Yes
Voltage Rating:	250V
Wire Gauge (AWG):	18-16

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
206903-2	1	Size 11 Receptacle Sealing Cap	Datasheet	Details	Search
1-66101-9	5	Multimate Type III+ Crimp Socket Tin 18-16 AWG	Datasheet	Details	Search
1-66099-5	5	Multimate Type III+ Crimp Pin Tin 18-16 AWG	Datasheet	Details	Search
206060-1	1	Circular Connector Plug 4 Circuit Size 11-4	Datasheet	Details	Search
206061-1	1	Panel Mount Circular Connector Receptacle 4 Circuit Size 11-...	Datasheet	Details	Search
206153-1	1	Free Hanging Circular Connector Receptacle 4 Circuit Size 11-...	Datasheet	Details	Search
1-206062-3	1	RoHS version of 1-206062-1 (Size 11 Cable Clamp Diameter of ...	Datasheet	Details	Search
206358-5	1	CPC Size 11 Large Cable Clamp Diameter of .453” (11.51...	Datasheet	Details	Search
207489-1	1	Size 11 Flexible Cable Boot	Datasheet	Details	Search
207490-1	1	Cable Grip for Shell size 11, Range = 3.81 - 6.35 mm	Datasheet	Details	Search
206429-1	1	Reverse Sex Circular Connector Plug 4 Circuit Size 11-4	Datasheet	Details	Search
206430-1	1	Reverse Sex Panel Mount Circular Connector Receptacle 4 Circ...	Datasheet	Details	Search
206430-2	1	Reverse Sex Free Hanging Circular Connector Receptacle 4 Cir...	Datasheet	Details	Search
200821-1	1	Series 1 and 4 Keying Plastic Plugs	Datasheet	Details	Search
305183	1	Extraction Tool Type 2	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
305183	Yes
200893-2	No
91002-1	No
91523-3	No






Wire-to-Wire Category

TE connectivity
Authorized
Distributor

Kit Part No. **2110839-2**

Series 1 CPC (Circular Plastic Connector) Kit

Deluxe Panel Mount and Free Hanging Plug, Receptacle, Cable Clamp, Flexible Cable Boot, Cable Grip, Receptacle Sealing Cap and Keying Plug with Extraction Tool

- 4 Circuit
- Standard and Reverse Sex, Series 1, Size 11 only
- Type III Male and Female Terminals: 18-26 AWG¹
- Keying Circuit Plug Series 1 and 4
- 250 Volts

¹ Terminals are 20 AWG.

Additional kits available at: www.productkits.com

TE Connectivity, TE Connectivity logo and TE Design are trademarks of the TE Connectivity Ltd. family of companies.

WARNING: Please see below all instructions in Application Specifications (344-0000, 114-0006, 114-0004, 114-0007) available at www.te-connectivity.com, including using only approved TE tooling (if applicable), use must be in compliance with applicable standards, codes, regulations, and may require an additional fee. Please do not rely on individuals with proper training and experience.

23
pieces



0 10151 16973 0

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