



General Information

Kit Part Number:	2110839-8
Description:	Plug, Free Hanging and Panel Mount Receptacle 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:	MRO (Maintenance, Repair and Operation)
Product Type:	Wire-to-Wire Connectors
Number of Pieces:	46
RoHS:	Yes

Specifications

Circuit Size(s):	8
Color:	Black
Crimp Terminal:	Male, Female
Current Rating:	5A (Max.)
Material:	Gold
Mounting Style:	Panel Mount
Orientation:	Receptacle, Plugs
Pitch:	No Pitch - Circular
Series:	2
Sex:	Standard, Reverse
Shell Size:	11
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	18, 24-20

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
205838-1	1	Plug 11-8 Series 2 Standard Sex	Datasheet	Details	Search
205841-1	1	Receptacle Square Flange 11-8 Series 2	Datasheet	Details	Search
205841-2	1	Receptacle Free Hanging 11-8 Series 2	Datasheet	Details	Search
206434-1	1	Plug 11-8 Series 2 Reverse Sex	Datasheet	Details	Search
206433-1	1	Receptacle Square Flange 11-8 Series 2	Datasheet	Details	Search
206433-2	1	Receptacle Free Hanging 11-8 Series 2	Datasheet	Details	Search
66506-9	10	Male Terminal HDP-20 (Crimp Snap) 24-20AWG .060 Max. Ins. Di...	Datasheet	Details	Search
66504-9	10	Female Terminal HDP-20 (Crimp Snap) 24-20AWG .060 Max. Ins. ...	Datasheet	Details	Search
66569-3	10	Female Type 20 DF, Solder 18 AWG [0.8 - 0.9 mm2] max. wire s...	Datasheet	Details	Search
66570-3	10	Male Type 20 DF, Solder 18 AWG [0.8 - 0.9 mm2] max. wire siz...	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
9-1478240-0	No
354940-1	No
91503-1	No
356304-1	No
189928-1	No
189721-1	No
189722-1	No
1213805-3	No
1213805-4	No
1213855-1	No
1213890-1	No
1213890-2	No
1490076-2	No
1490567-1	No
1583527-1	No



189767-1	No
356302-1	No
58448-2	No
58448-3	No
679304-1	No
91285-1	No
91503-3	No



