



General Information

Kit Part Number:	2110839-1
Description:	Pin, Socket and Keying Plug 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:	60
RoHS:	Yes

Specifications

Circuit Size(s):	None
Crimp Terminal:	Male, Female
Current Rating:	13A
Material:	Tin, Gold
Mounting Style:	Terminals Only
Orientation:	Terminals Only
Pitch:	No Pitch - Circular
Product/Type:	Solder Tab Terminals, Crimp Type Terminal
Series:	1
Sex:	Standard
Stud/Tab Size:	Non-Solderless Terminals
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	18-16, 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
- Commercial and Building Equipment
- Communication Equipment
- Industrial Machinery
- Factory Automation
- HVAC
- Material Handling Equipment
- Rail and Transit Vehicles and Systems
- Medical Instrumentation and Equipment:
- Networking
- Data Storage
- Computers & Peripherals

- 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
66099-4	5	Multimate Type III+ Male Crimp Terminals (Pins) Gold 18-16 A...	Datasheet	Details	Search
66101-4	5	Multimate Type III+ Female Crimp Terminals (Sockets) Gold 18...	Datasheet	Details	Search
1-66099-5	5	Multimate Type III+ Crimp Pin Tin 18-16 AWG	Datasheet	Details	Search
1-66101-9	5	Multimate Type III+ Crimp Socket Tin 18-16 AWG	Datasheet	Details	Search
66105-4	5	Multimate Type III+ Crimp Socket 24-20 AWG 30AU (Gold)	Datasheet	Details	Search
1-66105-9	5	Multimate Type III+ Socket 24-20 AWG Tin	Datasheet	Details	Search
66103-4	5	Multimate Type III+ Crimp Pin 24-20 AWG 30AU (Gold)	Datasheet	Details	Search
1-66103-8	5	Multimate Type III+ Pin 24-20 AWG Tin	Datasheet	Details	Search
200821-1	10	Series 1 and 4 Keying Plastic Plugs	Datasheet	Details	Search
202236-5	5	Multimate Solder Tab Pin Contacts, CPC Series 1 Type III	Datasheet	Details	Search
202237-5	5	Multimate Solder Tab Socket Contacts, CPC Series 1 Type III	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
305183	No
200893-2	No
91002-1	No
58495-2	No
91523-3	No
91505-1	No
91515-1	No









Wire-to-Wire Category



Authorized Distributor

Kit Part No. **2110839-1**

CPC (Circular Plastic Connector) Terminal Kit

Pin, Socket and Keying Plug

- Type III+ Series 1, Only
- Tin and Gold Crimp Type and Solder Tab Terminals
- Male and Female Terminals: 24-20 and 18-16 AWG¹
- 250 Volts

¹ Limit restricted to 200.

Additional kits available at: www.preactkits.com

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WARNING: Failure to follow all instructions in Application Specifications L14-0207, L14-0241, L14-1200¹ (available at www.te.com) documents), including using only approved TE tooling (if applicable), can result in improper installation and/or operation which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

60
pieces



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Product from TE Connectivity, 60% designed and assembled by Waldom Electronics.