



General Information

Kit Part Number:	2110836-1
Description:	Plug and Receptacle Kit
Application:	Live Hot Plug Power Supplies, Low Noise Power Supplies, Power Factor-Correcting (PFC) Power Supplies, Redundant (N + 1) Power Systems, Switch-Mode Power Supplies (SMPS), Systems Requiring Mounting to Backplane or Chassis
Family:	Drawer
TE Brand:	ELCON Products
Solution:	Power and Signal
Product Type:	Wire-to-Board Connectors, Wire-to-Wire Connectors
Number of Pieces:	102
RoHS:	Yes

Specifications

Circuit Size(s):	2, 29, 44
Color:	Black
Crimp Terminal:	Male, Female
Current Rating:	5A, 15A, 35A, 200A
Flammability Rating:	UL94V-0
Material:	Silver, Gold
Mounting Style:	Fixed
Orientation:	Receptacles, Plugs
Tool Included:	No
Voltage Rating:	250V, 600V
Wire Gauge (AWG):	0, 12, 16, 20

Product Highlights

The Drawer Series family of mixed power and signal connectors is designed for an unlimited array of applications that use drawer type, true hot plug power supply units. Contacts for AC IN and DC OUT power, logic and signal are all housed in robust one piece insulators that have built-in or optional mating guides for improved gatherability and mating polarization. Key features include TE Connectivity high performance Crown contact, true hot pluggability, sequenced mating, probe proof contacts, and support for various termination styles.

Features and Benefits

- High performance Crown contacts
- Low millivolt drop, minimal temperature rise
- Float mount for improved gatherability (blind mating)
- True hot pluggability for current interruption under load
- Sequenced mating for power and signal
- Crimp, PCB tail, compliant press-fit and threaded terminations

Applications

- Low Noise Power Supplies
- Switch-Mode Power Supplies (SMPS)
- Power Factor-Correcting (PFC) Power Supplies
- Systems Requiring Mounting to Backplane or Chassis



- Redundant (N + 1) Power Systems
- "Live" Hot-Plug Power Supplies
- All ELCON Drawer Connectors in this Section are RoHS Compliant



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
6648318-1	8	35A High Current ELCON Drawer Gold Female Terminal (Socket) ...	Datasheet	Details	Search
1648325-1	24	5A High Current ELCON Drawer Gold Female Terminal (Socket) C...	Datasheet	Details	Search
1650155-1	24	5A High Current ELCON Drawer Gold Male Terminal (Pin) Crimp ...	Datasheet	Details	Search
1766194-1	12	15A High Current ELCON Drawer Silver Male Terminal (Pin) Cri...	Datasheet	Details	Search
6648319-1	12	15A High Current ELCON Drawer Gold Female Terminal Socket Cr...	Datasheet	Details	Search
1766811-1	4	200A High Current ELCON Drawer Silver Male Terminal (Pin) Cr...	Datasheet	Details	Search
6648405-1	4	200A High Current ELCON Drawer Silver Female Terminal (Socke...	Datasheet	Details	Search
1648183-1	1	High Current ELCON Drawer Plug Top Drawer Style 200A, Size 0...	Datasheet	Details	Search
1648186-1	1	High Current ELCON Drawer Receptacle Top Drawer Style 200A, ...	Datasheet	Details	Search
1648549-1	1	High Current ELCON Drawer Plug Dual Power Drawer Style Size ...	Datasheet	Details	Search
1648575-1	1	High Current ELCON Drawer Receptacle Dual Power Drawer Style...	Datasheet	Details	Search
1648203-1	1	High Current ELCON Drawer Plug Lower Size 12 + Size 20 + Siz...	Datasheet	Details	Search
1648206-1	1	High Current ELCON Drawer Receptacle Lower Size 12 + Size 20...	Datasheet	Details	Search
1650153-2	8	35A High Current ELCON Drawer Gold Male Terminal (Pin) Crimp...	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
601967-1	No
601967-2	No





Wire-to-Wire and Wire-to-Board Category

TE connectivity Authorized Distributor

Kit Part No. **2110836-1**

ELCON Top, Lower and DualPower Drawer Connector Kit

Plug and Receptacle

- 0, 12, 16 and 20 Sizes
- Male Tab and Female Crimp Terminals, Silver and Gold Plating
- Standard Crimp and PCB
- 5, 15, 35 and 200 Amps¹
- Power and Signal
- Flammability Rating: UL 94V-0

¹ Dependent on AWG

Additional kits available at: www.productkits.com

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DANGER: Failure to follow all instructions in Application Specification 314-11206 (available at www.te.com/teconnectivity), including using only approved TE tooling (if applicable), can result in improper installation and/or crimping which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

102
pieces

0 10151 17334 8

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