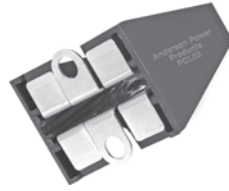
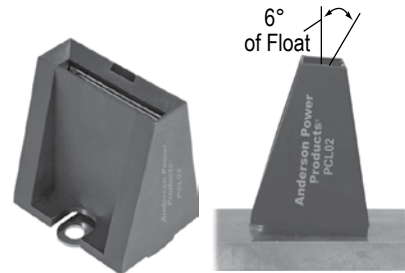




Standard Power Clip



Dual Pole Power Clip



Rocker Power Clip

FEATURES

- **High 300A Current Rating**

Small size provides dense power packaging

- **Hot Pluggable Contact**

Supports hot swapping on 48 volt DC bus

- **Mates with .125 inches or 3mm Flat Bus Bar Blade**

Simplifies construction and lowers cost

PRODUCT RANGE

Electrical

Current Rating (Amperes) (1)	
UL	300
CSA (30°C Rise)	200
UL / CSA Voltage Rating (AC/DC)	600
Operating Temperature Range (C°)	-40° to 105°
(F°)	-40° to 221°
Average Contact Resistance (micro-ohm)	55 to 70

Mechanical

Insertion Force (lbs)	20 to 33
(N)	89 to 147
Extraction Force (lbs)	10 to 43
(N)	44 to 191

Mating

a. No Load (mating cycles)	500
b. Under Load (2)	
(Hot Plug 250 mating cycles @ 48V)	100A
(Hot Plug 250 mating cycles @ 42V)	200A

Materials

Housing	PBT UL94 V-0
Contact Band	Beryllium copper alloy
Contact Plating	Minimum 0.76 microns Au over Ni
	0.4 to 0.6 microns over 2 to 5 microns nickel
Plating gold	
Contact Holder	Copper alloy
Plating gold	0.1 to 0.2 microns

(1) Ratings using nickel plated tab

(2) Ratings using gold plated, solid copper tab



PCL01 Only



PRODUCT INFORMATION

Anderson Power Products® (APP), a leader in power interconnect solutions, offers the Power Clip® connector as part of the diversified family of electrical power connectors. Designed as a low cost interconnection between two perpendicular power bus bars, the Power Clip® is used in “N+1” rectifier, power supply and switching power supply applications.

The high-performance contact of the Power Clip® provides low-voltage drop and superior amperage carrying capability. Because the clip accepts a solid .125 inches or 3mm thick nickel or gold plated rectangular bus bar tab, there is no need for a mating connector.

The Power Clip® has been evaluated to UL1977 and CSA standard C22.2 No. 182.3-M1987 and is rated for up to 300 amps of continuous service. The product is also UL approved for true hot plug current interruption of 100A at 48V and 200A at 42V using a gold bus bar tab.