

Powerpole® connectors provide cost-effective reliability, design flexibility and safety for your products' manufacture, installation and maintenance.

The housings are modular. They provide 600 Volts continuous, AC or DC operation. Wire sizes range from #14 to #16 AWG (2.1 to 1.3 mm<sup>2</sup>). Contacts are available in reeled and loose piece designs to support all production needs from engineering prototype, low volume and high volumes products.

### FEATURES

- **Make-first/Break-last connection**

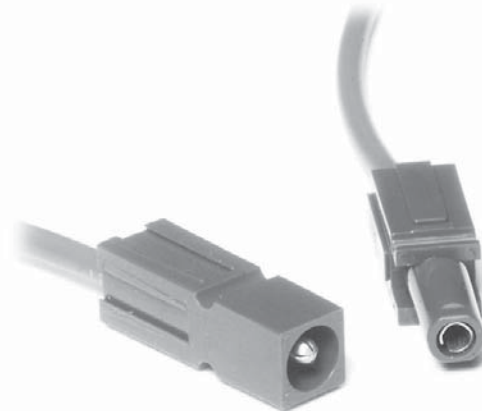
*Provides safety and system integrity*

- **Green housing**

*Visual indication of ground terminal*

- **Molded-in dovetails**

*Can be assembled with standard Powerpole PP15, Powerpole PP30 and Powerpole PP45 connectors to make pre-grounded multipole configurations*



### PRODUCT SPECIFICATIONS

Connector Model	PP10 P & S	Connector Model	PP10 P & S
UL Current Rating (Amperes)*	10*	No load (Contact/Disconnect Cycles)	To 250
UL Voltage Ratings (Volts)**	600*	Avg. Connection/Disconnect (lbf)	5
Contact Barrel Wire Size (AWG)	#14 to #16	Operating Temperature Range °C***	-20° to 105°
(mm <sup>2</sup> )	2.1 to 1.3	°F	-4° to 221°
Maximum Wire Insulation Diameter (inches)	0.137	Flammability Rating of Housing Material	UL94 V-0
(mm)	3.48		
AVG Contact Resistance* (micro-ohms)	2200		
Insulation Withstanding Test Voltage (Volts AC/DC)	2200		
Contact Retention Force (lbf)	25		



\* UL Rated for 65°C largest wire or cable size

\*\* Both AC & DC Voltage

\*\*\* Contact factory for higher temperature rated connectors

### ORDERING INFORMATION

#### Housing & 10 amp Contact

Part Number	Housing Color	Wire	
		AWG	sq. mm
1200G1	Socket, Green	14/16	2.1/1.3
1201G1	Pin, Green	14/16	2.1/1.3

#### Housings Only

Part Number	Description
1204G1	Green housing, socket
1205G1	Green housing, pin

#### Tooling

Part Number	Description
1309G1	Hand tool, #14 to #16
260G3	Applicator only (110V & 220V)
280G2	Applicator and press (110V, 60Hz)
250G1	Press only (110V, 60Hz)
250G2	Press only (220V, 50Hz)

#### 10 amp Contacts

Part Number	Description	Wire	
		AWG	sq. mm
1202G1	Socket, Individual	14/16	2.1/1.3
264G1	Socket, Reel	14/16	2.1/1.3
1203G1	Pin, Individual	14/16	2.1/1.3
263G1	Pin, Reel	14/16	2.1/1.3

Note: For additional colors please contact customer service

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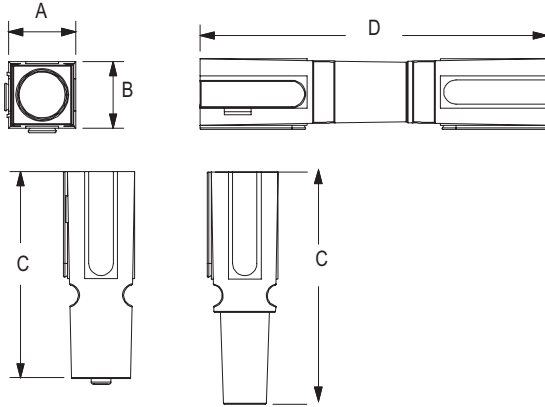
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[www.andersonpower.com](http://www.andersonpower.com)

## DIMENSIONS

### Housings

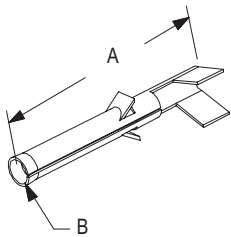
Series	-A-		-B-		-C-		-D-	
	mm	in.	mm	in.	mm	in.	mm	in.
PP10 Pin	7.9	0.31	7.9	0.31	24.5	0.97	41.3	1.63
PP10 Socket	7.9	0.31	7.9	0.31	27.5	1.081	41.3	1.63



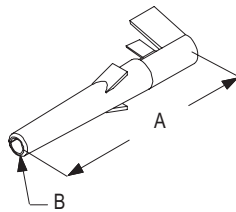
### Contacts

Series	-A-		-B-	
	mm	in.	mm	in.
PP10 Pin	22.4	0.88	2.4	0.093 - OD
PP10 Socket	22.4	0.88	2.3	0.089 - ID

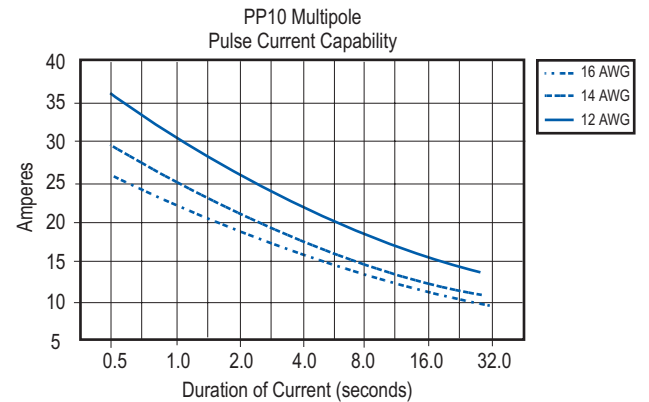
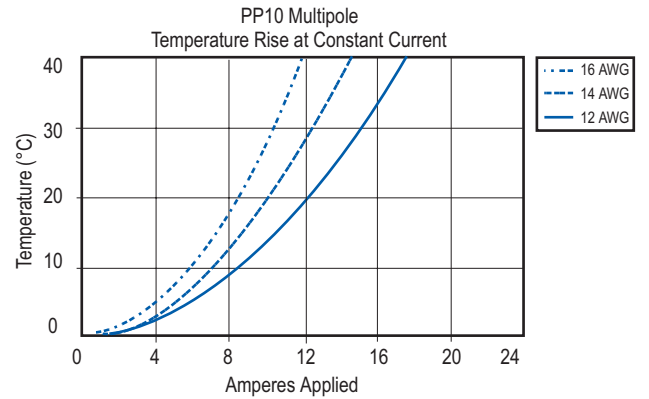
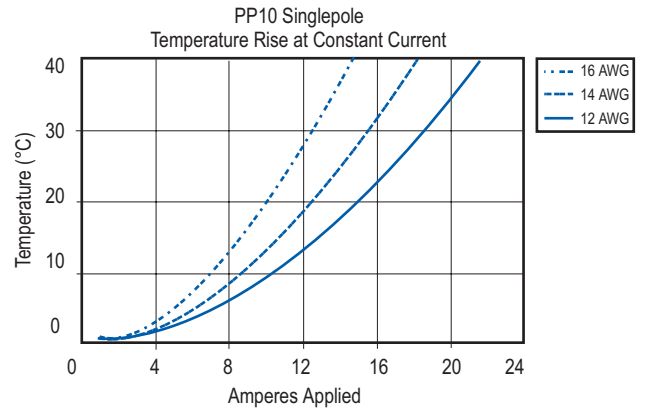
#### Socket Contact



#### Pin Contact



## TEMPERATURE RISE CHARTS



# Mouser Electronics

Authorized Distributor

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## Anderson Power Products:

[1200G1](#) [1201G1](#) [1204G1](#) [1204G1-BK](#) [1205G1](#) [1205G1-BK](#) [1202G1](#) [1203G1](#) [263G1](#) [264G1](#) [1309G1](#) [280G2](#)