

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 to 1.3 mm). 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	PP10P&S	Connector Model	PP10P&S
UL Current Rating (Amperes)*	10*	No load (Contact/Disconnect Cycles)	To 250
UL Voltage Ratings (Volts)**	600*	Avg. Connection/Disconnect (lbs)	5
Contact Barrel Wire Size (AWG) (mm ²)	#14 to #16 2 to 1.3	Operating Temperature Range °C***	-20° to 105°
Maximum Wire Insulation Diameter (inches) (mm)	0.137 3.48	Flammability Rating of Housing Material	UL94 V-0
AVG Contact Resistance* (micro-ohms)	2200		
Insulation Withstanding Test Voltage (Volts AC/DC)	2200		
Contact Retention Force (lbs)	25		

* UL Rated for 65°C rated 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)

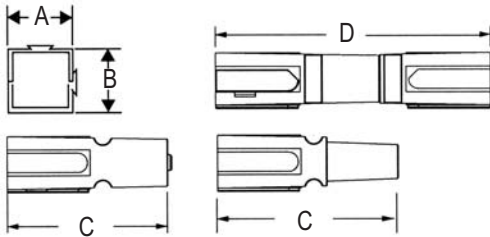
10 amp Contacts

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

DIMENSIONS

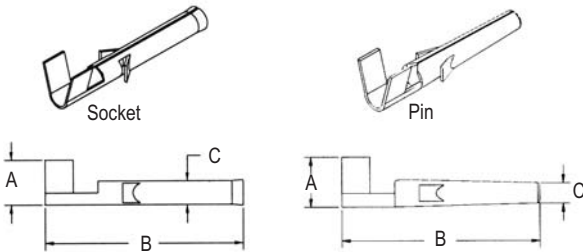
Housings

Series	-A-		-B-		-C-		-D-	
	mm	in.	mm	in.	mm	in.	mm	in.
PP10-Pin	7.9	.32	7.9	.32	24.5	.97	41.3	1.63
PP10-Socket	7.9	.32	7.9	.32	27.5	1.081	41.3	1.63

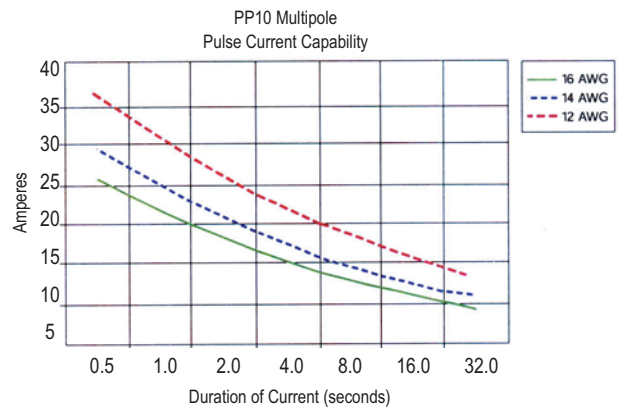
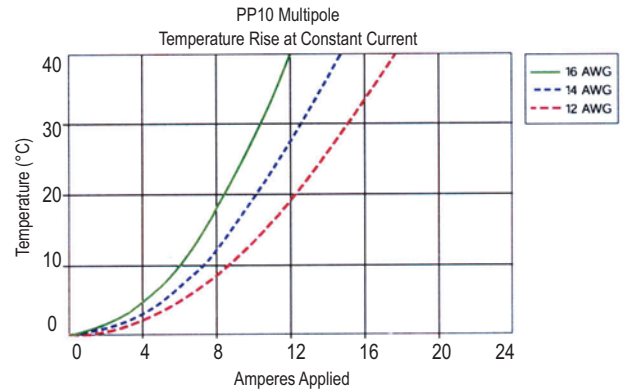
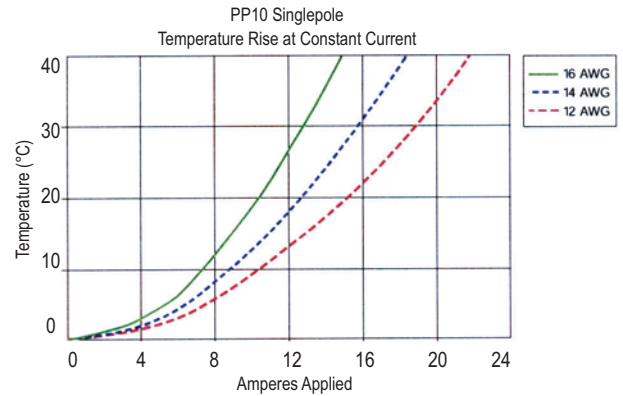


Contacts

Series	-A-		-B-		-C-	
	mm	in.	mm	in.	mm	in.
PP10-Pin	5.3	.228	22.4	.881	2.4	.093
PP10-Socket	.21	.205	22.4	.881	2.8	.109



TEMPERATURE RISE CHARTS



CSA Certified
File No. LR25154



UL Recognized
File No. E26226

All Data Subject To Change Without Notice

DS-P&S10 REV01

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