

Power Drawer Range Specifications

Connector Series	Power Drawer 35 Amps		Power Drawer 75 Amps		
Electrical					
	#12	#20	#8	#12	#20
Current Rating - amps	35	5	75	35	5
Voltage Rating - volts	250	250	250	250	250
Voltage Drop mV	3.30	0.70	6.00	3.30	0.70
Insulator Dielectric Strength	1500 VDC		1500 VDC		
Working Temperature Range	-40 to +125 degree C°		-40 to +125 degree C°		

Mechanical					
Insertion Force Per Contact - lbs	1.80	0.43	2.00	1.80	0.43
- kg	0.82	0.20	0.91	0.82	0.20
Extraction Force Per Contact - lbs.	1.02	0.07	1.26	1.02	0.07
- kg	0.46	0.03	0.57	0.46	0.03

Materials					
Insulator	PBT UL94 V-0				
Crimp Pin or Socket Body	Copper alloy				
Solder Cup Pin or Socket Body	Brass				
PCB Pin or Socket Body	Brass				
Female Contact	BeCu				

Contact Plating					
	#8	#12	#20	#12 AU	
35 amp	N/A	Silver over Nickel	Gold over Nickel	Gold over Nickel	
75 amp	Silver over Nickel	Silver over Nickel	Gold over Nickel	Gold over Nickel	

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