



### Preliminary Product Specification

### DC Appliance Connector

Size compatible with IEC320 C13 Connector and IEC320 C14 Appliance Inlet

Current Rating	30 amps	10 awg wire
	20 Amps	12 awg wire
	15 Amps	16 awg wire
	12 Amps	18 awg wire
Voltage Rating	UL	600V
	IEC	800V (Pollution degree 2, material group III)
Creep	12.2 mm Power to Power 8.0 mm Power to Ground or Enable	
Clearance	6.0 mm Power to Power 8.0 mm Power to Ground or Enable	
Safety	9 Voltage Keys, prevents mating of dissimilar voltage 9 Colors, visual ID of Connector and Appliance Inlet voltage compatibility Meets IEC finger probe test in unmated condition Meets IEC 3.0 mm probe in mated condition	
Wire Range	10 to 20 awg 6.0 to .50 mm <sup>2</sup>	
Contact Resistance	600 micro-ohms average	
Insulation Withstand Voltage	2200 VDC	
Contact retention	35 lbs	
Operating Temperature Range	-40 to 130° C	
Flammability Rating	UL94 V-0	

