

**MODEL:** PP3-0620 | **DESCRIPTION:** DC POWER PLUG

**FEATURES**

- round cover
- 1 A current rating


**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				1	A
contact resistance	between plug and jack			30	mΩ
insulation resistance	at 100 Vdc	50			MΩ
voltage withstand	for 1 minute			250	Vac
insertion force	when mating with a standard jack	0.3		2.5	kgf
withdrawal force	when mating with a standard jack	0.3		2.5	kgf
operating temperature		-25		70	°C
operating humidity				85	%
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 1 second	380	400	420	°C

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 $X \leq 1.0$ :  $\pm 0.1$  mm  
 $1.0 < X \leq 6.0$ :  $\pm 0.2$  mm  
 $6.0 < X \leq 12.0$ :  $\pm 0.3$  mm  
 $12.0 < X \leq 25.0$ :  $\pm 0.4$  mm  
 $X > 25.0$ :  $\pm 0.5$  mm  
 unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	PA66 [UL94V-2]	black
2	outer barrel	brass	nickel
3	body	brass	nickel
4	center contact	phosphor bronze	nickel
5	crimp contact	iron	tin
6	cover	ABS [UL94HB]	black

