

Additional Resources: Product Page | 3D Model

date 09/12/2024

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MODEL: PP3-002A | DESCRIPTION: DC POWER PLUG

FEATURES

- · cable mount
- 6 A current rating
- · round cover





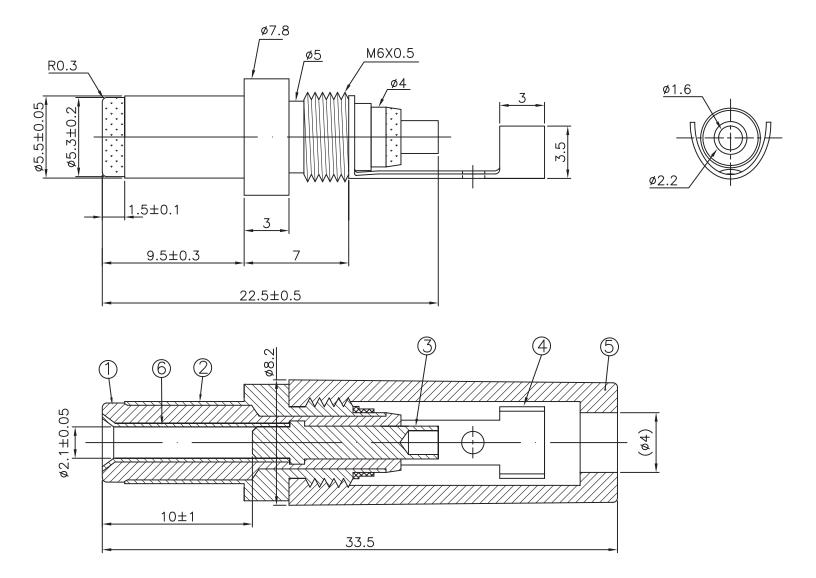
SPECIFICATIONS

5. 25						
parameter	conditions/description	min	typ	max	units	
rated input voltage			20		Vdc	
rated input current				6	А	
contact resistance	between plug and jack			30	mΩ	
insulation resistance	at 500 Vdc	100			МΩ	
voltage withstand	for 1 minute			500	Vac	
insertion force	when mating with a standard jack	0.5		2.5	kgf	
withdrawal force	when mating with a standard jack	0.3		2	kgf	
operating temperature		-25		70	°C	
operating humidity				85	%	
life			5,000		cycles	
flammability rating	see material table					
RoHS	yes					

MECHANICAL DRAWING

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

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	insulator	POM (UL94HB)	black
2	outer barrel	brass	nickel
3	center contact	brass	nickel
4	crimp contact	brass	nickel
5	cover	ABS (UL94HB)	black
6	inner barrel	brass	nickel



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REVISION HISTORY

rev.	description	date	
1.0	initial release	03/10/2006	
1.01	added tolerances	08/17/2006	
1.02	rating change	03/23/2007	
1.03	updated datasheet	06/21/2019	
1.04	brand update	11/08/2019	
1.05	logo, datasheet style update	08/05/2022	
1.06	CUI Devices rebranded to Same Sky	09/12/2024	

The revision history provided is for informational purposes only and is believed to be accurate.



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