Additional Resources: Product Page | <u>3D Model</u>



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

FEATURES

- cable mount
- 8 A current rating
- round cover



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SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				8	А
contact resistance	between plug and jack			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion force	when mating with a standard jack	0.3		3	kgf
withdrawal force	when mating with a standard jack	0.3		3	kgf
operating temperature		-25		70	°C
operating humidity				85	%
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

SOLDERABILITY

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

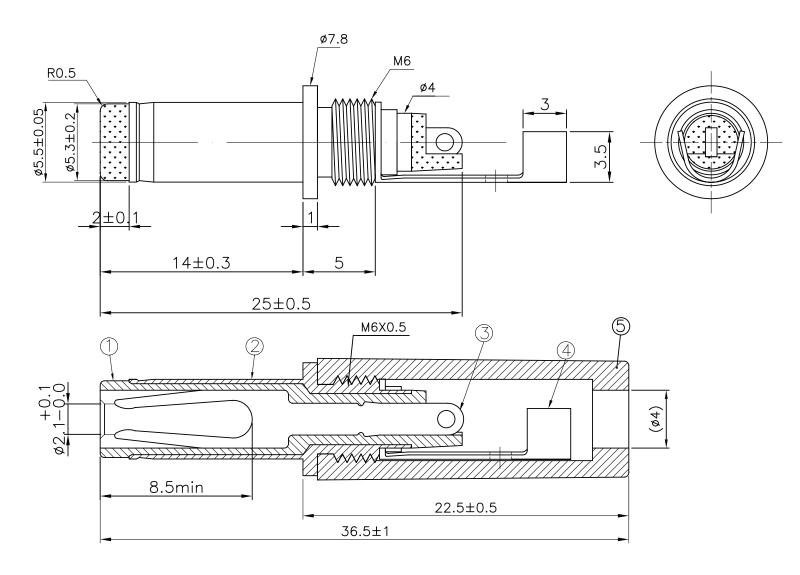
MECHANICAL DRAWING

units: mm
tolerance:
X≤1.0: ±0.1 mm
1.0 <x≤6.0: mm<="" td="" ±0.2=""></x≤6.0:>
6.0 <x≤12.0: mm<="" td="" ±0.3=""></x≤12.0:>
12.0 <x≤25.0: mm<="" td="" ±0.4=""></x≤25.0:>
X>25.0: ±0.5 mm
unless otherwise noted

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

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REVISION HISTORY

rev.	description	date	
1.0	initial release	12/30/2009	
1.01	operating temperature added	03/25/2010	
1.02	updated drawing to show tip slot, corrected material table	05/25/2010	
1.03	brand update	06/10/2020	
1.04	logo, datasheet style update	08/05/2022	
1.05	CUI Devices rebranded to Same Sky	09/12/2024	

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

Same Sky offers a one [1] year limited warranty. Complete warranty information is listed on our website.

same sky

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