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### MODEL: PPM-2-5525 | DESCRIPTION: DC POWER PLUG

#### FEATURES

• designed for overmolding

same sky

- 5 A rating
- smooth barrel



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## ROHS

#### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				5	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	0.5		2.5	kgf
withdrawal force	when mating with a standard jack	0.3		2.0	kgf
operating temperature		-25		70	°C
operating humidity				85	%
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

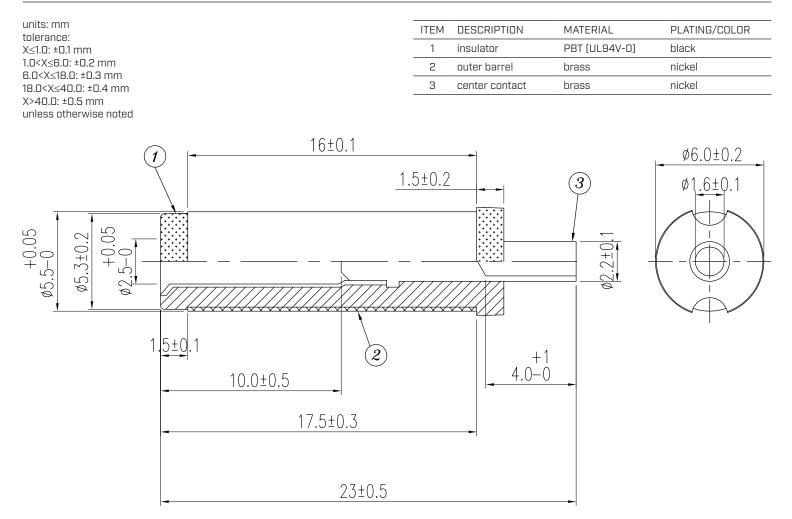
#### SOLDERABILITY

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

#### **MECHANICAL DRAWING**

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#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	06/18/2018
1.01	brand update	11/08/2019
1.02	logo, datasheet style update	08/05/2022
1.03	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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PPM-2-5525