CUI DEVICES

MODEL: PP-063045-OM | DESCRIPTION: DC POWER PLUG

FEATURES
- 6.5 A current rating
- signal pin
- designed for overmolding

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current	power pins signal pin			6.5 1.0	A A
contact resistance	power pins signal pin			30 100	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			100	Vac
insertion force	when mating with a standard jack			3.0	kgf
withdrawal force	when mating with a standard jack	0.3			kgf
operating temperature		-25		70	°C
operating humidity				85	%
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

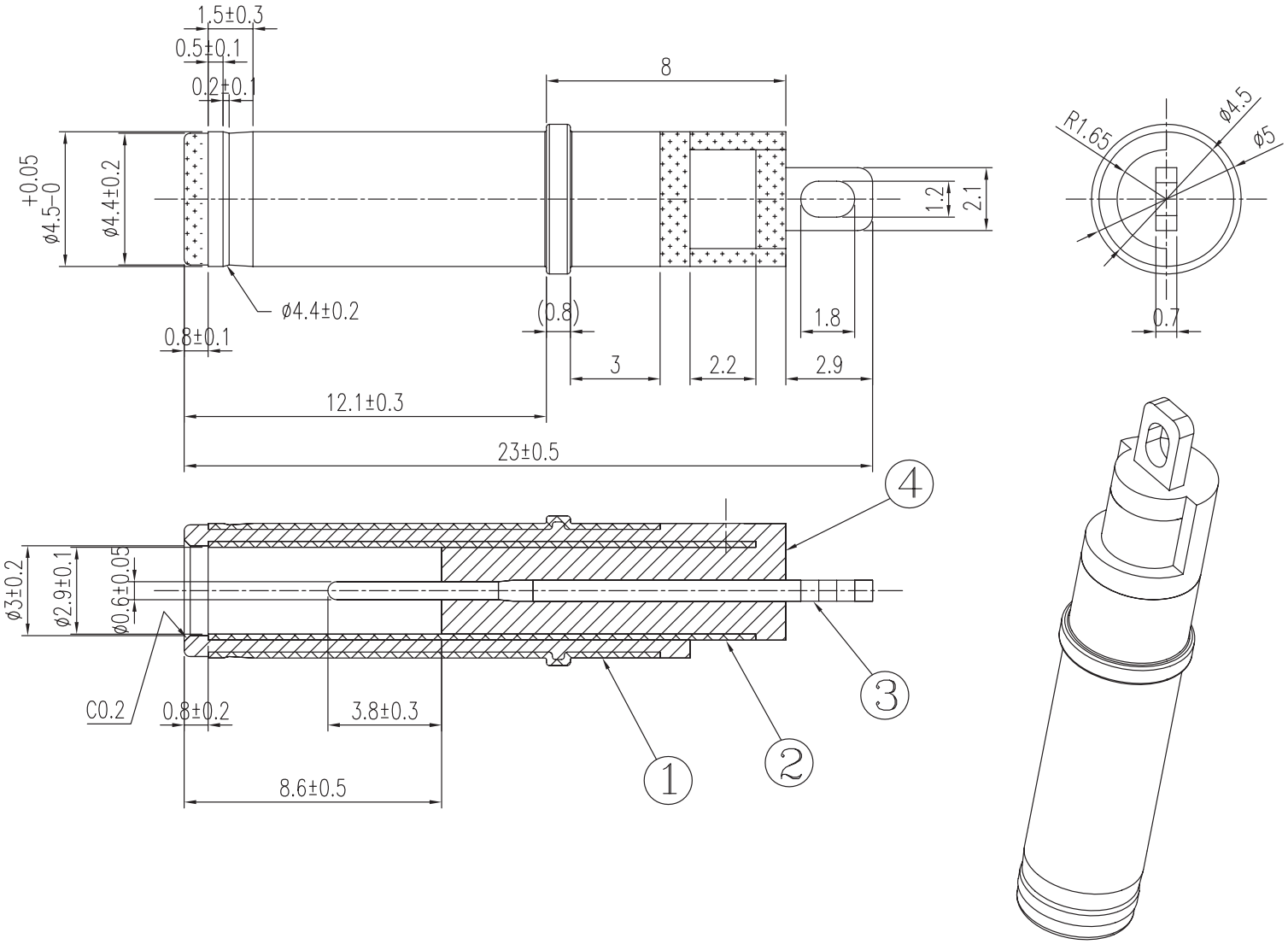
SOLDERABILITY

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

MECHANICAL DRAWING

units: mm
tolerance:
X≤1.0: ±0.1 mm
1.0<X≤6.0: ±0.2 mm
6.0<18.0: ±0.3 mm
18.0<X≤40.0: ±0.4 mm
X>40.0: ±0.5 mm
unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	outer sleeve	brass	nickel
2	inner sleeve	brass	nickel
3	center pin	steel	gold
4	insulator	PA66 (UL94V-2)	black



REVISION HISTORY

rev.	description	date
1.0	initial release	07/17/2020

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