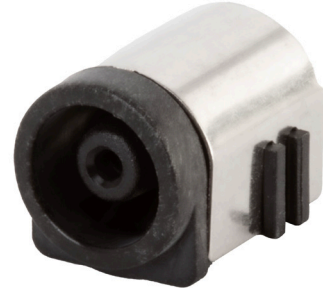# same sky

MODEL: PJ-109H | **DESCRIPTION:** DC POWER JACK

FEATURES

- EIAJ-5 center pin
- hand solder

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				5	A
contact resistance				50	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand				500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-20		70	°C
storage temperature		-40		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

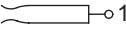| parameter	conditions/description	min	typ	max	units
hand soldering	for ± 3 seconds	375	380	385	°C

MECHANICAL DRAWING

units: mm
tolerance:
X.X: ±0.50 mm
X.XX ±0.30 mm
X.XXX: ±0.15 mm
PCB: ±0.05 mm
unless otherwise specified
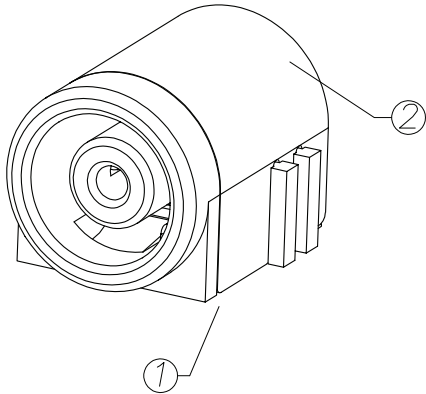
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PA66 (UL94V-0)	black
2	shell	brass	nickel
3	terminal 1	phosphor bronze	tin
4	terminal 2	phosphor bronze	tin
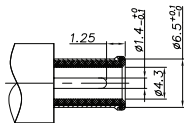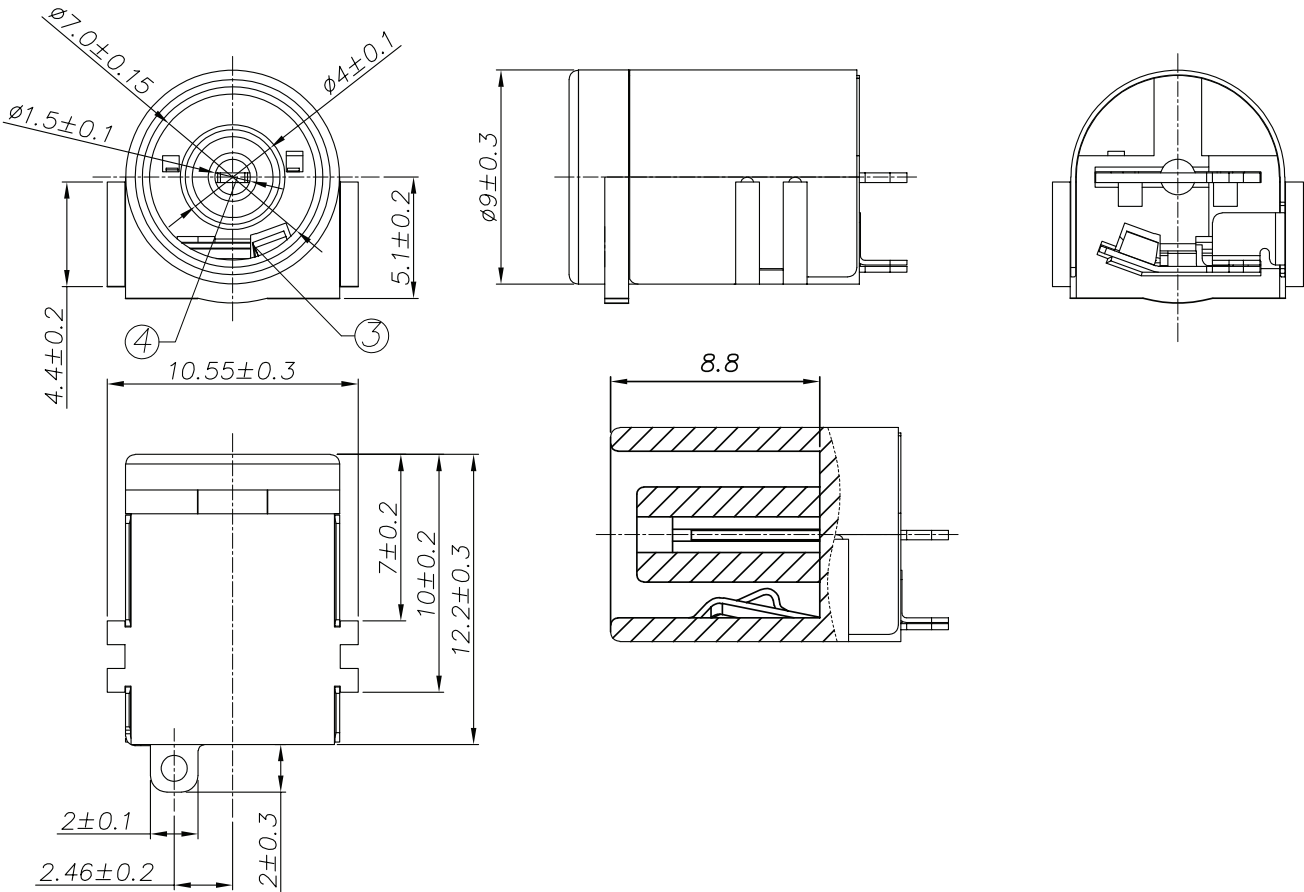
MATING PLUG
Jack Insertion Depth: 8.8 mm

Schematic	
Model	PJ-109H
Center Pin	EIAJ-5 (Ø1.4 mm)

REVISION HISTORY

rev.	description	date
1.0	initial release	09/23/2024

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