



MATING PLUG Ø5.6xØ0.9mm

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rated load: 25A.30V DC
3. Insulation resistance: 100MΩ min
4. Withstand voltage: 500V AC/min
5. Contact resistance: Center Pin 30mΩ Max(Initial), 40mΩ Max(Final)
DC_IN+/DC_IN-: 15mΩ Max(Initial), 25mΩ Max(Final).
6. Durability cycle: 5,000 Cycles
7. Insertion and extraction force: 6-25N

F	SHELL	SUS 304	Ni 50u"MIN.	1
E	ANODE	C7025	Ni 40u"	1
D	NEGATIVE	C7025	Ni 40u"	1
C	CENTER PIN	C5210	Au1u"(CONTACT AREA)/Sn80u"/Ni 40u"	1
B	COVER	PA10T	BLACK	1
A	HOUSING	PA10T	BLACK	1
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

Pb Process Capable

RoHS Compliant
EU RoHS Standards

HALOGEN Compliant
Halogen Free

SCALE: 1:1	UNIT: mm	Title: Horizontal DC Power Jack 5609 DIP CH=6.83 Ø1.0mm	
SIZE: A4		Molde Code: DC-S013A-D010-25A	
Unless otherwise General tolerance:		DRAWN	CHECKED
X	±0.50	Xia	Chen
X.x	±0.30		
X.xx	±0.20	APPROVED	DATE
X.xxx	±10	Chen	2023.02.01
X.x°	±2°		



REV: A0 SHEET: 1/1

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