

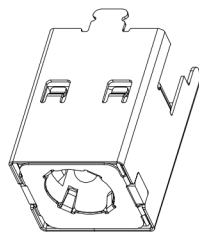
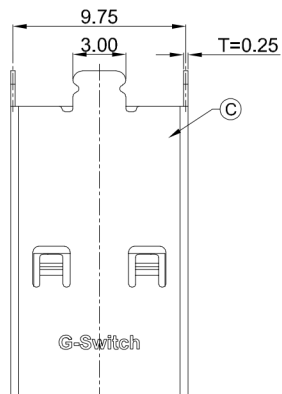
A

B

C

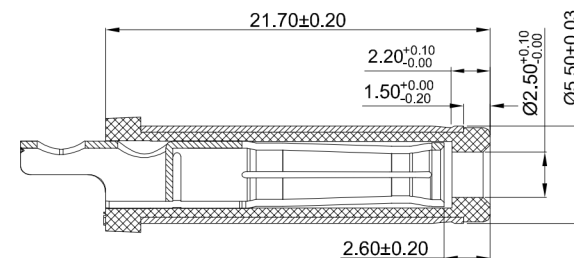
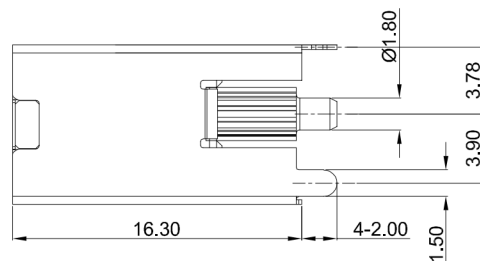
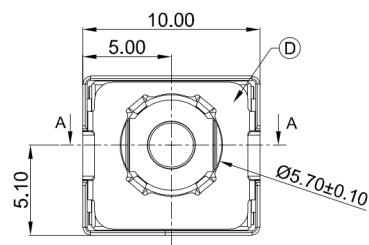
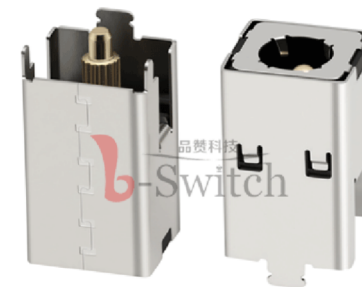
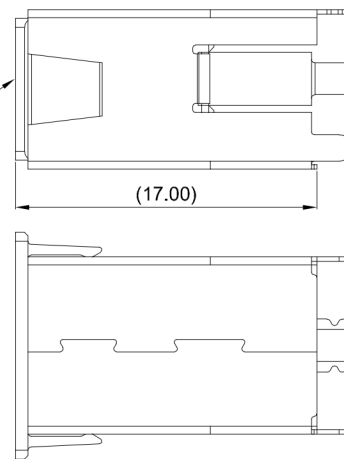
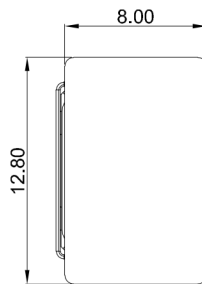
D

E

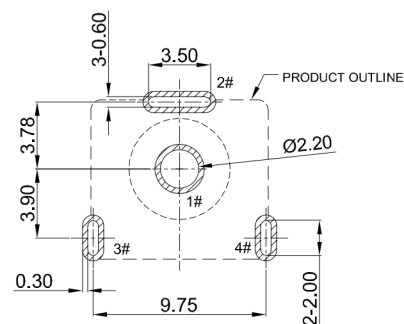
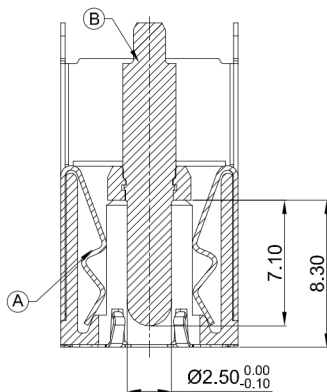


WITH CAP

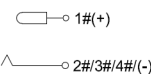
E



MATING PLUG Ø5.5xØ2.5mm

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

SCHEMATIC



CIRCUIT DIAGRAM

G-Switch Specification:

1. Operating temperature range: -40°C ~ +85°C
2. Rated load: 20A.20V DC
3. Insulation resistance: 100MΩ min
4. Withstand voltage: 500V AC/min
5. Contact resistance: 30mΩ max(Initial), 50mΩ max(Final)
6. Durability cycle: 5000 Cycles
7. Insertion and extraction force: 3-30N

SECTION A-A

A	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK
B	CENTER PIN	BRASS	GOLD FLASH
C	SHELL	COPPER ALLOY C5210	Ni PLATING
D	GROUND	SUS 304	
E	CAP	HIGH TEMPERATURE PLASTIC	BLACK
NO.	PART NAME	MATERIAL	REMARK

RoHS
Compliant
EU RoHS StandardsCompliant
Halogen FreeSCALE: 1:1 UNIT: mm
SIZE: A4Unless otherwise
General tolerance:
X ±0.50
X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
X.x° ±3°Title: Vertical DC Power Jack 5525
DIP H=16.3 Ø2.5mm

Molde Code: DC-S011G-D025-20A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

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www.dg-switch.com

REV: A0 SHEET: 1/1