

A

B

C

D

E

A

B

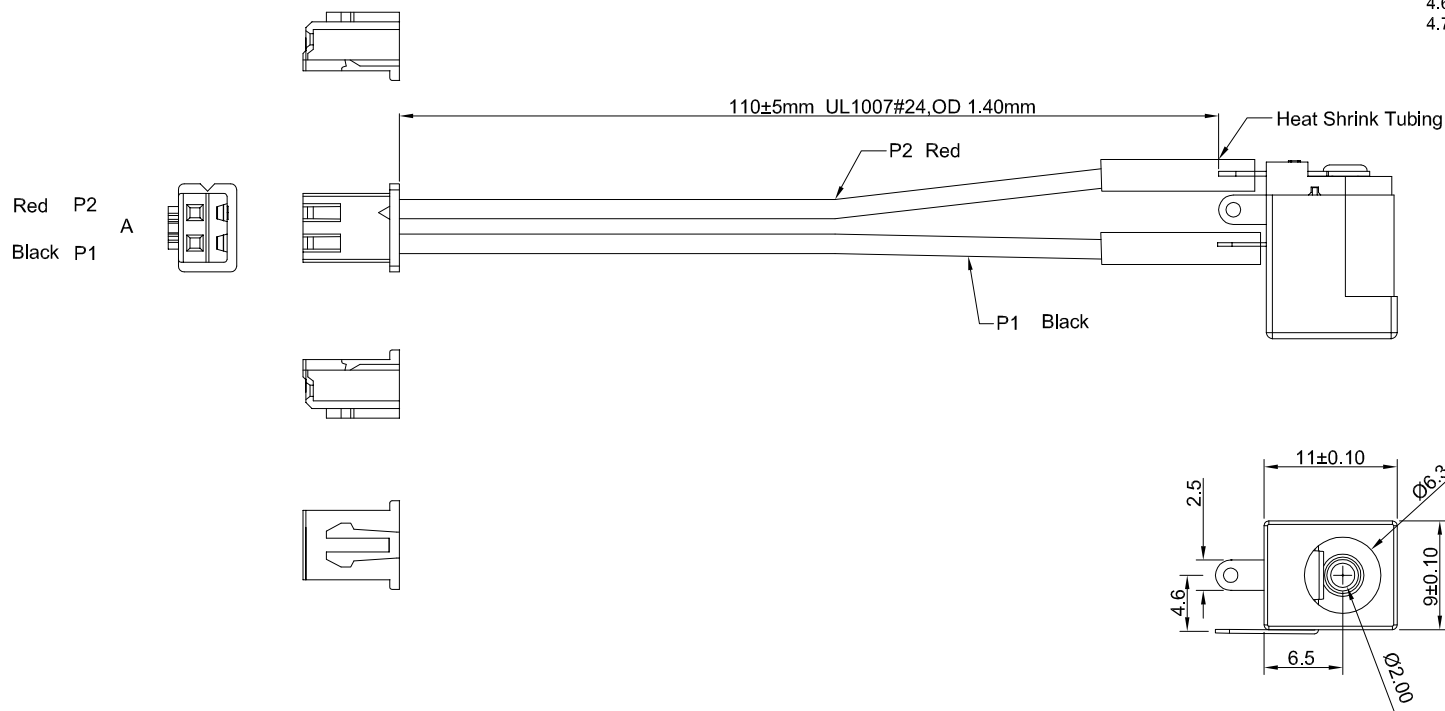
C

D

E

**Remark:**

1. Plastic parts should not be misplaced or the terminals should not be properly inserted
2. There should be no damage to the wire and plastic parts.
3. Tin plated copper wire should not be forked, tinned, not tinned, or burn the wire due to other defects
4. The finished product undergoes 100% conductivity testing, with no electrical defects such as short circuits, open circuits, or misalignment.
  - 4.1 Rated load: 2A, 20V DC
  - 4.2 Insulation resistance: 100MΩ min
  - 4.3 Withstand voltage: 500V AC/min
  - 4.4 Contact resistance: 50mΩ max
  - 4.5 Durability cycle: 5000 Cycles
  - 4.6 Contact retention force: 14.7N Min
  - 4.7 DC JACK Connector mating force: 8-12N

**Wiring Table :**

A	COLOUR	B
P1	Black	Black
P2	Red	Red

5	Heat Shrink Tubing	PTEE Ø1.5mm	Heat Shrink Tubing PTEE Ø1.5	Black	PCS	2
4	Wire Rod	UL1007#24	UL1007#24 OD 1.40mm	/	PCS	2
3	Terminal	GT-A2501TF-PBT1	Terminal AWG#22~#26	/	PCS	2
2	Housing	GT-A2501HM-102R01	Housing 2Pin	Red	PCS	1
1	DC Receptacle	DC-005-D020	DC Power Jack DIP Ø2.0mm	Black	PCS	1
NO.	PART NAME	MATERIAL NO	PART NAME	COLOUR	UNITS	QTY



SCALE: 1:1	UNIT: mm	Title: DC Receptacle Double-Headed Single-Pin Cable L=110mm			
SIZE: A4		Molde Code: GT-25010211001			
Unless otherwise General Tolerance: X ±0.40 X.x ±0.30 X.xx ±0.20 X° ±5° X.x° ±3°		DRAWN	CHECKED	APPROVED	DATE
		Hu	Hu	Chen	2021.10.20
		REV: A0	SHEET: 1/1		

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