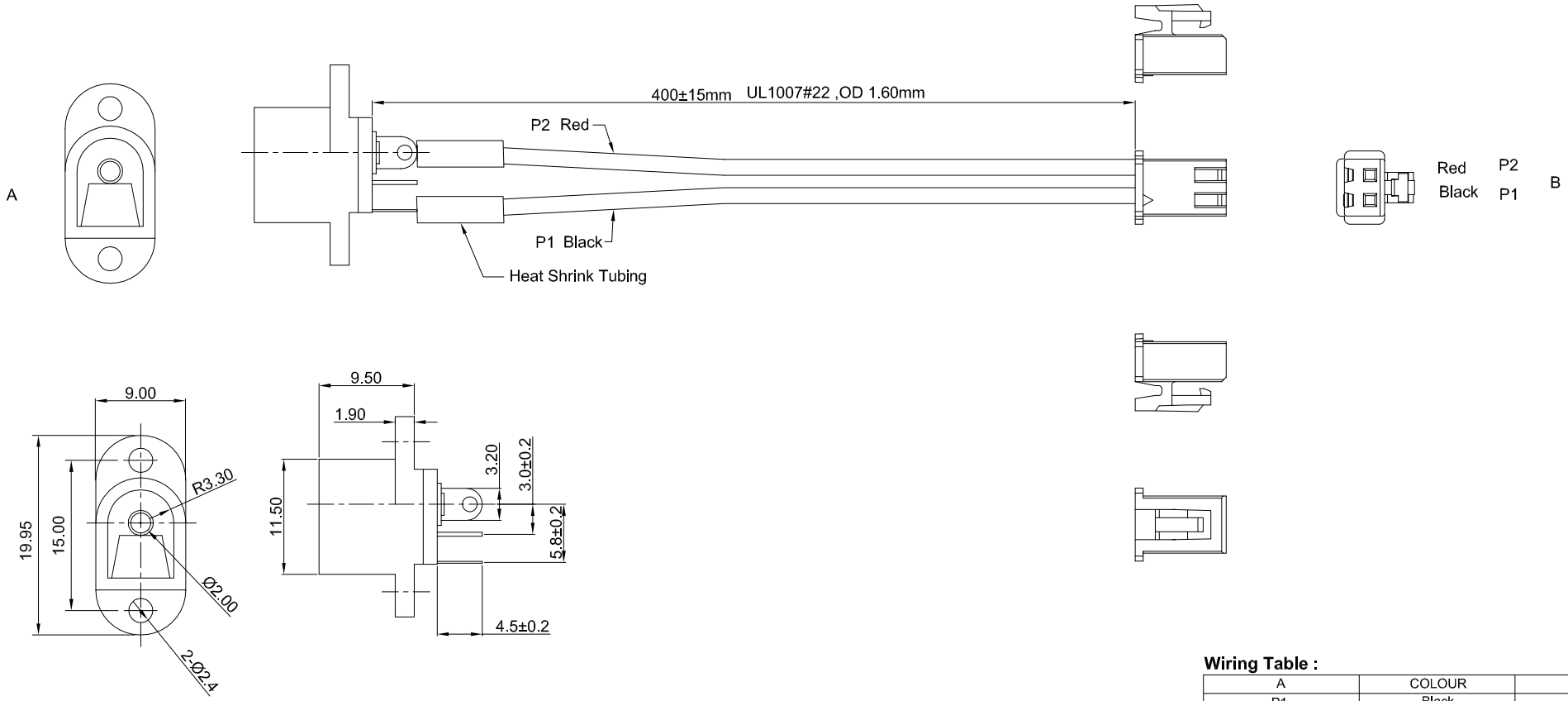
Remark:

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

NO.	PART NAME	MATERIAL NO	PART NAME	COLOUR	UNITS	QTY
5	Heat Shrink Tubing	PTEE Ø1.5mm	Heat Shrink Tubing PTEE Ø5.0	Black	PCS	2
4	Wire Rod	UL1007#22	UL1007#22 OD 1.60mm	/	PCS	2
3	Terminal	GT-A2501TF-PBT1	Terminal AWG#22~#26	/	PCS	2
2	Housing	GT-A2509HM-102W01	Housing 2Pin	White	PCS	1
1	DC Receptacle	DC-016-D020	11.5X9.0X11.8/DC-016-D020/Ø2.0mm	Black	PCS	1

Pb Process Capable RoHS Compliant EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title:	DC Receptacle Double-Headed Single-Pin Cable L=400mm
SIZE: A4			
Unless otherwise General Tolerance: X ±0.40, X.x ±0.30, X.xx ±0.20, X° ±5°, X.x° ±3°		Molde Code:	GT-25010240001
DRAWN	CHECKED	APPROVED	DATE
Hu	Hu	Chen	2021.10.20
REV: A0		SHEET: 1/1	

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