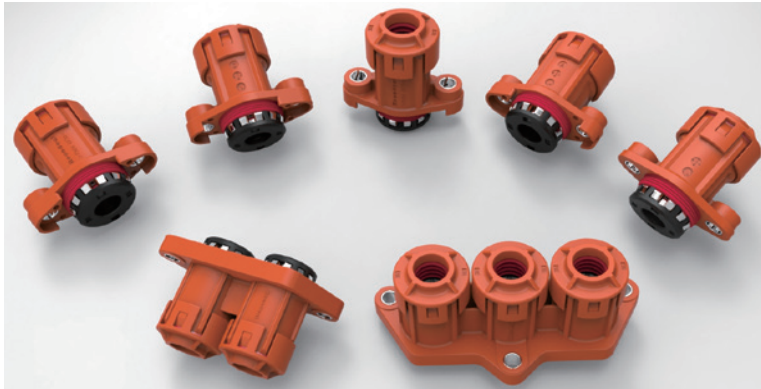




1 POS / 2 POS / 3 POS Plastic Shell Connector(RIPT)



Features/Application

- RIPT series connectors are mainly utilized in EV industry offering stable high voltage, high current transmission among systems.
- This product can also be made into cable assemblies according to client needs, making it convenient for clients to use.
- Excellent sealing performance, meet the requirement of air tightness of less than 200 P under 50 KP pressure and IP68 waterproofing requirement of no water after 48 hours in 1 meter water depth.

Technical Specification

Electrical Property

Current rating:

120A/25mm²

200A/35mm²

250A/50mm²

Voltage Rating: 700V DC

Withstand Voltage: $\geq 4000V$ DC 1min No breakdown

Insulation Resistance: $\geq 5000m\Omega$

Fitting cable: 25mm² shielding wire (Cable diameter range $\Phi 13.2 \sim \Phi 13.8$)

35mm² shielding wire (Cable diameter range $\Phi 14.0 \sim \Phi 14.7$)

50mm² shielding wire (Cable diameter range $\Phi 17.15 \sim \Phi 17.85$)

Mechanical Property

Mating Cycle: ≥ 50 times

Vibration: 10~80Hz, amplitude 0.75

81~500Hz, 20g

500~2000Hz, 18g

Environmental Property

Working Temperature: $-40^{\circ}C \sim +125^{\circ}C$

Relative Humidity: 95%(40°C)

Sealing: IP68(48h, 1 meter depth)

tightness less than 200 P under 50 Kp pressure

Material

Shell: thermoplastic flame-retardant

Contact: copper alloy silver plated

Seal: rubber or elastomer



Ordering Information

R IPT -1 -35 P B -A-TW

Extensive character

Key: A,B,C,D; No marked: No key

P: Shield ; No marked: non-shield

Cable section:25、35、50

Pos:1,2,3

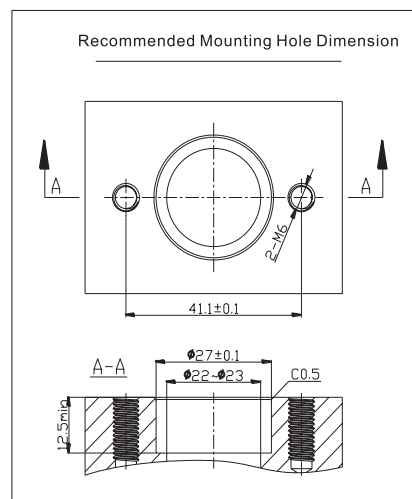
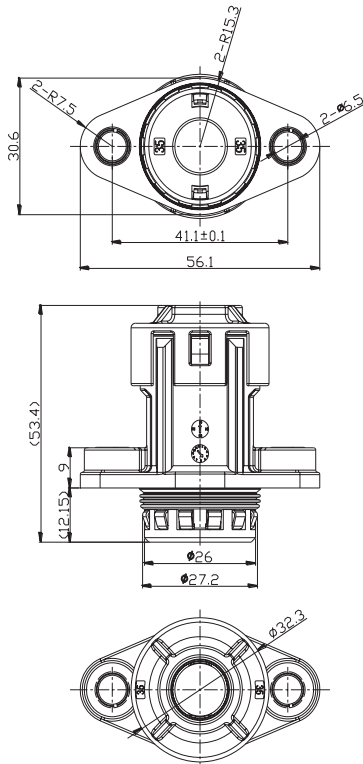
IPT: Serial code

Product Series

For example: RIPT-1-50PB-A means : made by RECODEAL、IPT series、1 pos、fitting 50mm、shielding cable、shielding、B key、extensive character A. It has no protection when making mistake with 2-Pos and 3-Pos. RIPT-3-35P-A means 3-Pos fitting 35mm shielding wire.

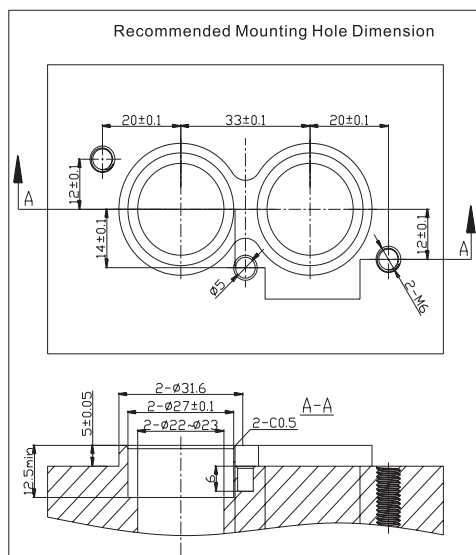
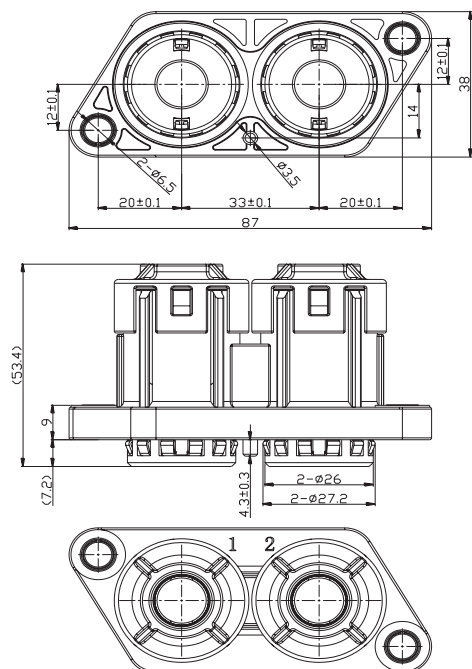
Size

1 POS plastic connector (No key)



1 POS IPT other keys(A/B/C/D) size and mounting size can be seen in product specification or provided by Annren.

2 POS plastic connector



3 POS plastic connector

