

RP Series FAQ

What is the capacity plan for RP series?

- Due to the automotive demand is in an uptrend. We will keep expanding our capacity for automotive grade product. Currently, RP's 2022 capacity is 240 Mpcs/month. 2023 will increase to 380 Mpcs/month, 2024 will reach to 500 Mpcs/month.

What is the L/T of RP series?

- The production time is 81 days.

Why does RP series has better moisture tolerance?

- The special passivation design of the RP series is to form a moisture resistance layer. This cover prevents moisture penetrate from the outside by shielding the resistive layer.

The C1 inner electrode's material of RP series has change from copper to silver, comparing to AT series, what is the reason of this design change?

- AT series uses copper as C1 electrode's material due to the sulfuration issue. Comparing to silver, copper will have less reaction with sulfur. 7 years later, we have the experience from the thick film anti-sulfur product. We added a C3 protection layer (polymer silver) on the top of the C1 inner electrode, to prevent sulfuration. The sulfuration testing result also prove that RP series has better sulfur resistance.

Any plan for developing bigger case size in RP series?

- Currently RP series has 4 case sizes: 0402/0603/0805/1206. For case size bigger than 1206, we have to refer to the market demand. So far, the demand of automotive grade thin film above 1206 is not too much.

When should we promote RP series?

1. Projects that is totally new design.
2. Customer already using AT series but facing price competition from the competitors. RP have improved the production efficiency, so the price is more competitive than AT.
3. Customer already using AT series, but have complaint about the L/T. RP series has the shorter L/T.