

## SA0R1T0G

RP SMA Female Short Connector, PCB Side Mount

V2.11

### Electrical Characteristics

- Impedance: 50 Ohm
- Insulation resistance:  $\geq 5000\text{M Ohm}$
- Dielectric Withstanding Voltage: 800V RMS /50Hz
- Center Contact Resistance.:  $\leq 5\text{ mohm}$
- Outer Contact Resistance:  $\leq 3\text{ mohm}$
- Working Temperature:  $-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$



### Material and Plating

| Parts Name       | Material | Plating |
|------------------|----------|---------|
| Body             | HPb59-1  | Au      |
| Insulator        | PTFE     | -       |
| Center conductor | HPb59-1  | Au      |

### DIMENSIONS

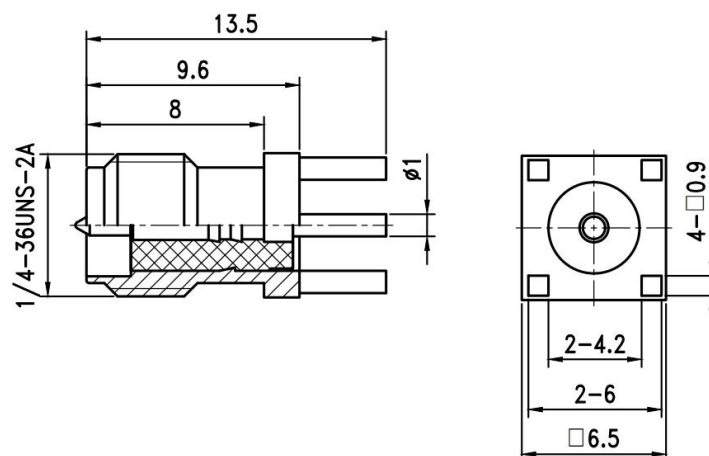


Figure 1: SA0R1T0G-1.7DA

| Connector Type | Other Name  | Center     | Threads | Photo                                                                               |
|----------------|-------------|------------|---------|-------------------------------------------------------------------------------------|
| SMA Male       | SMA Plug    | Pin        | Inside  |  |
| RP SMA Male    | RP SMA Plug | Receptacle | Inside  |  |
| SMA Female     | SMA Jack    | Receptacle | Outside |  |
| RP SMA Female  | RP SMA Jack | Pin        | Outside |  |

Table 1: SMA Connector Type

## NOMENCLATURE

**SA0R1T0G** --- **D** **A** **30**

①      ②    ③    ④

| Num | Symbol         | Explanation                                          |
|-----|----------------|------------------------------------------------------|
| ①   | Connector Type | RP SMA straight female connector, PCB THT mount      |
| ②   | Internal Code  | Factory code                                         |
| ③   | Variant        | A, B ,C, D - differences in dimensions               |
| ④   | Plating level  | 30, 18, 00 - larger number means longer plating time |

Table 2: Explanation of Nomenclature

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**ORDER INFORMATION**

| Part Number   | Description                                                        |
|---------------|--------------------------------------------------------------------|
| SA0R1T0G-DA30 | RP SMA straight female connector, PCB THT mount, Plating level: 30 |

Table 3: Order Information

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