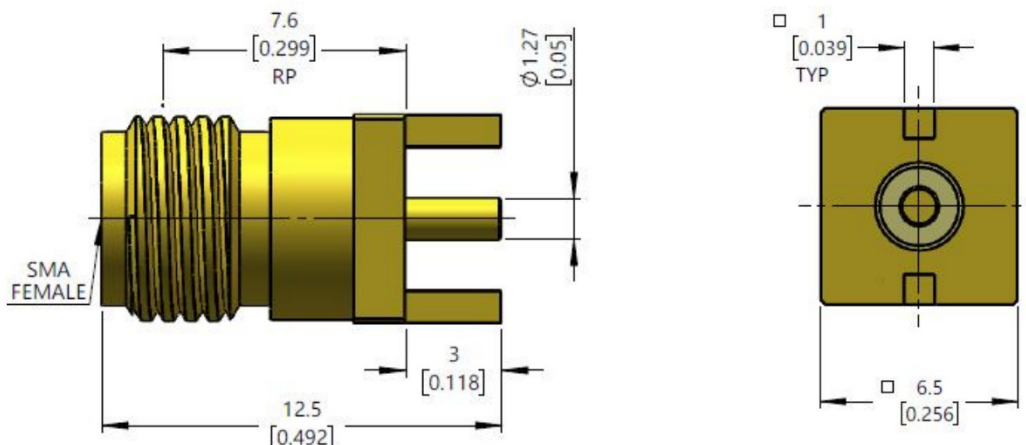


## SMA Female PCB Connector, **RC27SFB-STH127-01** DC-26.5GHz, Straight, 5.5mm Hole Spacing, 1.27mm Pin

### Dimensions(mm) Tolerance $\pm 1\%$



### Electrical & Environmental

|                              |                             |                           |                                                     |
|------------------------------|-----------------------------|---------------------------|-----------------------------------------------------|
| <b>Frequency Range</b>       | DC-26.5GHz                  | <b>Impedance</b>          | 50 ohm                                              |
| <b>VSWR</b>                  | 1.2 max                     | <b>Withstand Voltage</b>  | 1000 V                                              |
| <b>Insulation Resistance</b> | $\geq 5000 \text{ M}\Omega$ | <b>Contact Resistance</b> | $\leq \text{In:}3.0/\text{Out:}2.0 \text{ m}\Omega$ |
| <b>Mating Cycles</b>         | > 500 Cycles                | <b>Temperature Range</b>  | -55°C ~ +165°C                                      |

### Mechanical & Product Information

|                       |                              |                          |            |
|-----------------------|------------------------------|--------------------------|------------|
| <b>Product Number</b> | RC27SFB-STH127-01            | <b>Connector</b>         | SMA Female |
| <b>Shape/Mounting</b> | Straight                     | <b>Attachment Method</b> | Solder     |
| <b>Connector Body</b> | Gold plated brass            | <b>Insulator</b>         | PTFE&PEI   |
| <b>Center Contact</b> | Gold plated beryllium copper |                          |            |
| <b>Dimension</b>      | 12.5(L)mm                    | <b>Net Weight</b>        | -          |