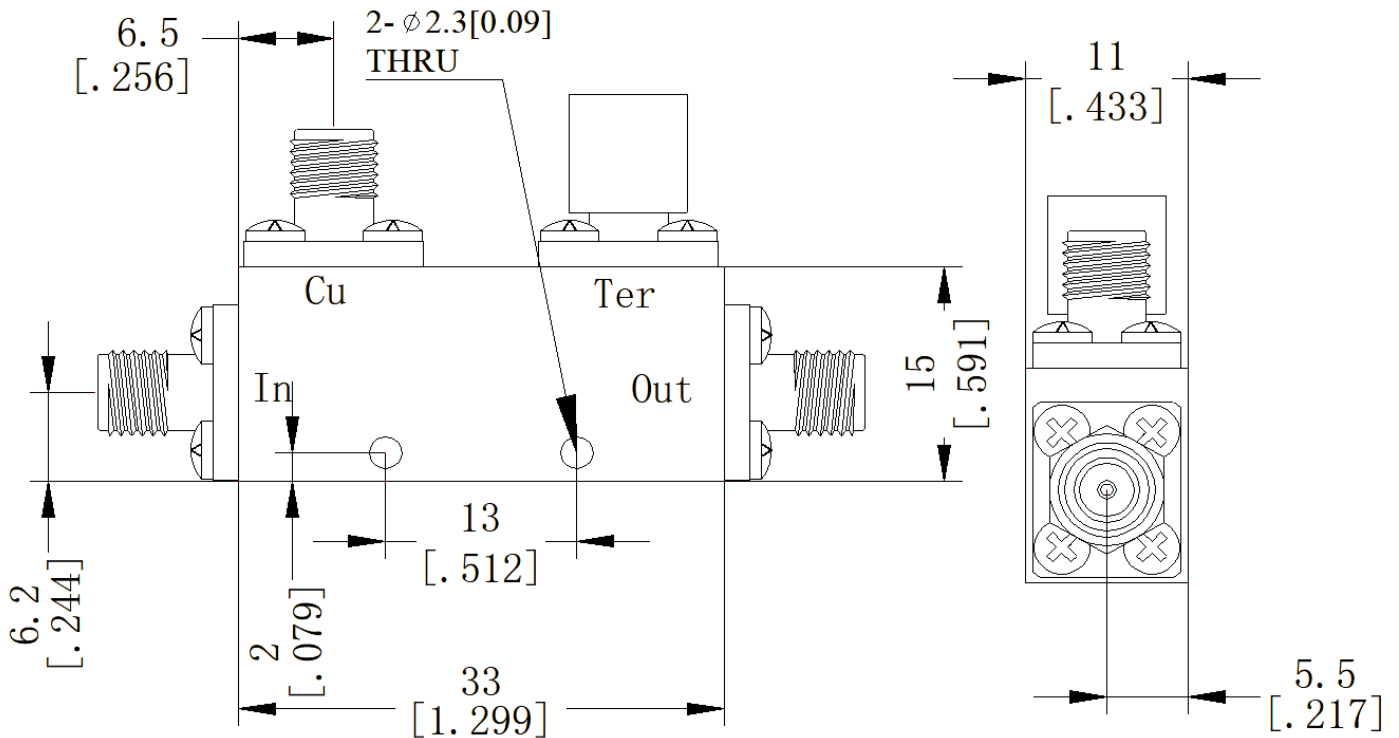


## SMA Directional Coupler, RDC508F607S-10

5.8-6.7GHz, Coupling 10dB, 30W

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

|                              |   |                  |        |
|------------------------------|---|------------------|--------|
| <b>Frequency Range</b>       | 5.8-6.7GHz  | <b>Impedance</b> | 50 Ohm |
| <b>VSWR Primary</b>          | 1.25 Max (Typ.1.18)                                     |                  |        |
| <b>VSWR Secondary</b>        | 1.25 Max (Typ.1.18)                                     |                  |        |
| <b>Insertion Loss</b>        | 1dB Max   |                  |        |
| <b>Directivity</b>           | 15dB Min  |                  |        |
| <b>Frequency Sensitivity</b> | ±1.0dB (Typ.±0.9dB)                                     |                  |        |
| <b>Nominal Coupling</b>      | 10±1.0dB  |                  |        |
| <b>Input Avg Power</b>       | 30 Watts max @25°C (Derate linearly to 3 Watt at 100°C) |                  |        |
| <b>Operating Temp</b>        | -45°C~85°C  |                  |        |

### Mechanical & Product Information

|                       |   |                       |                            |
|-----------------------|---|-----------------------|----------------------------|
| <b>Product Number</b> | RDC508F607S-10                              | <b>Product Type</b>   | Directional Coupler        |
| <b>Connector</b>      | SMA Female                                  | <b>Connector Body</b> | Passivated stainless steel |
| <b>Center Contact</b> | Gold plated beryllium copper                |                       |                            |
| <b>Housing</b>        | Sandblasting natural color conductive oxide |                       |                            |
| <b>Dimensions</b>     | 33×15×11mm                                  | <b>Net Weight</b>     | -                          |



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