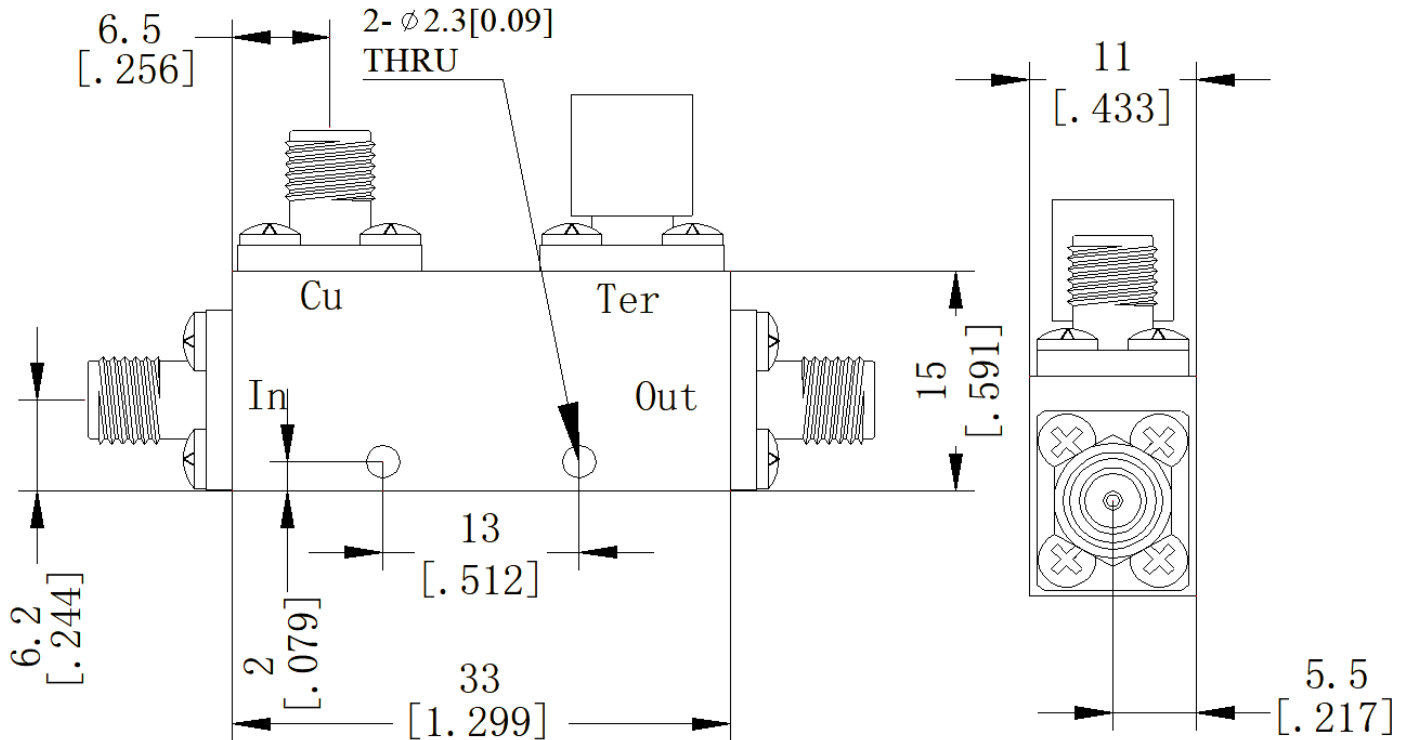


SMA Directional Coupler, RDC6F1802S-30

6-18.2GHz, Coupling 30dB, 30W

Dimensions(mm) Tolerance±1%



Electrical & Environmental

| | | | |
|-----------------------|---|-----------|--------|
| Frequency Range | 6-18.2GHz | Impedance | 50 Ohm |
| VSWR Primary | 1.5 Max (Typ.1.18) | | |
| VSWR Secondary | 1.5 Max (Typ.1.18) | | |
| Insertion Loss | 0.6dB Max | | |
| Directivity | 12dB Min | | |
| Frequency Sensitivity | ± 1.0 dB (Typ. ± 0.9 dB) | | |
| Nominal Coupling | 30 ± 1.0 dB | | |
| Input Avg Power | 30 Watts max @25°C (Derate linearly to 3 Watt at 100°C) | | |
| Operating Temp | -45°C~85°C | | |

Mechanical & Product Information

| | | | |
|----------------|------------------------------|----------------|----------------------------|
| Product Number | RDC6F1802S-30 | Product Type | Directional Coupler |
| Connector | SMA Female | Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper | | |
| Housing | Light blue paint | | |
| Dimensions | 33×15×11mm | Net Weight | - |



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