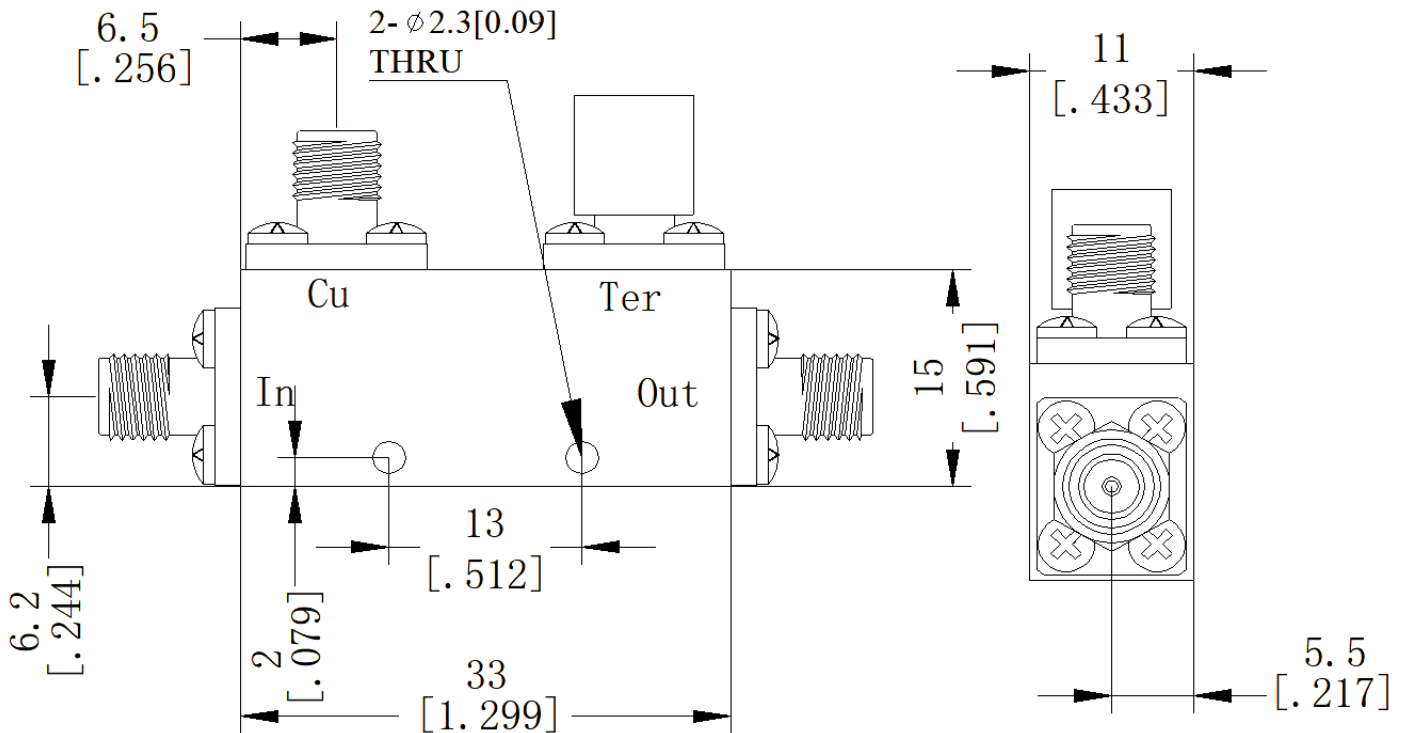


## SMA Directional Coupler, RDC6F1802S-10

6-18.2GHz, Coupling 10dB, 30W

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



### 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	1dB Max		
Directivity	12dB Min		
Frequency Sensitivity	$\pm 1.0$ dB (Typ. $\pm 0.9$ dB)		
Nominal Coupling	$10 \pm 1.0$ 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-10	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	-

