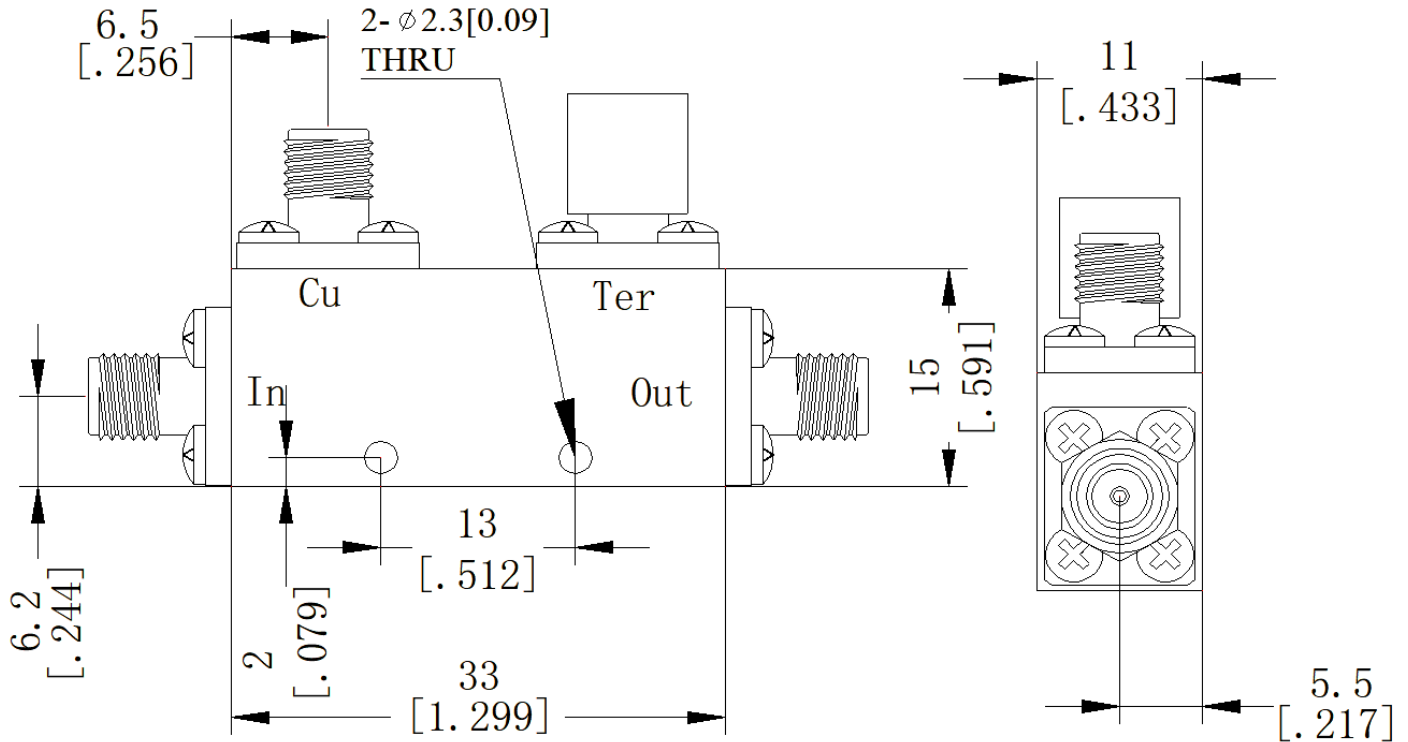


## SMA Directional Coupler, RDC1204F18S-20

### 12.4-18GHz, Coupling 20dB, 50W

#### Dimensions(mm) Tolerance±1%



#### Electrical & Environmental

<b>Frequency Range</b>	12.4-18GHz	<b>Impedance</b>	50 Ohm
<b>VSWR Primary</b>	1.3 Max		
<b>VSWR Secondary</b>	1.4 Max		
<b>Insertion Loss</b>	0.5dB Max		
<b>Directivity</b>	12dB Min		
<b>Frequency Sensitivity</b>	±1.0dB (Typ.±0.9dB)		
<b>Nominal Coupling</b>	20±1.0dB		
<b>Input Avg Power</b>	50 Watts max @25°C (Derate linearly to 5 Watt at 100°C)		
<b>Operating Temp</b>	-45°C~85°C		

#### Mechanical & Product Information

<b>Product Number</b>	RDC1204F18S-20	<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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