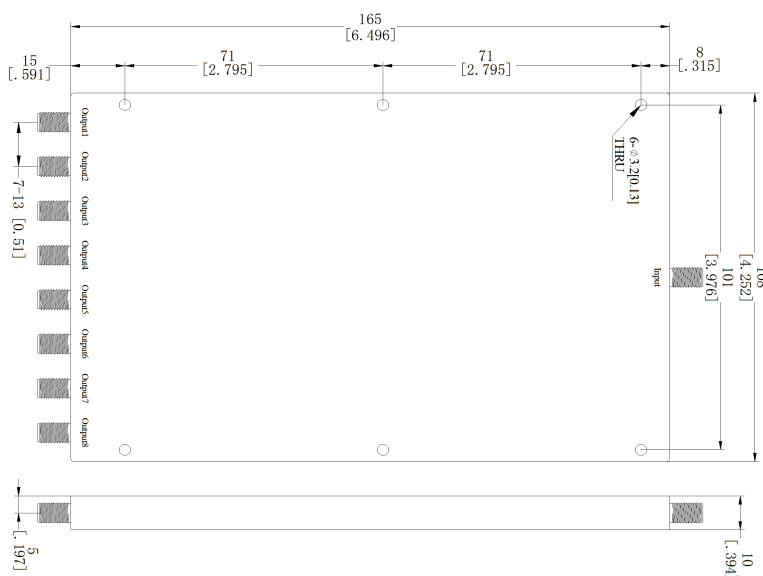


**SMA 8 Way Microstrip Power Divider, RPD05F12S8**  
0.5-12GHz, 20W , P-Grade

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



## Electrical & Environmental

<b>Frequency Range</b>	0.5-12GHz	<b>Impedance</b>	50 Ohm
<b>Input Port VSWR</b>	1.4 max（800-12000M）； 1.7max（500-800M）		
<b>Output Port VSWR</b>	1.25 max（Typ.1.16）		
<b>Insertion Loss</b>	5dB max（Excluding theoretical loss未含理论损耗9.0dB）		
<b>Isolation</b>	18dB min（Typ.24dB）		
<b>Amplitude Balance</b>	± 0.4dB		
<b>Phase Balance</b>	±6°		
<b>Input Avg Power</b>	20 Watts max @25℃ (Derate linearly to 2 Watt at 100℃) （Combiner合路器用时1W）		
<b>Operating Temp</b>	-45℃ ~ +85℃		

## Mechanical & Product Information

<b>Product Number</b>	RPD05F12S8, P-Grade	<b>Way</b>	8
<b>Connector</b>	SMA Female	<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Gold plated beryllium copper		
<b>Housing</b>	Black paint		
<b>Dimensions</b>	165×108×10mm	<b>Net Weight</b>	About 435.0g