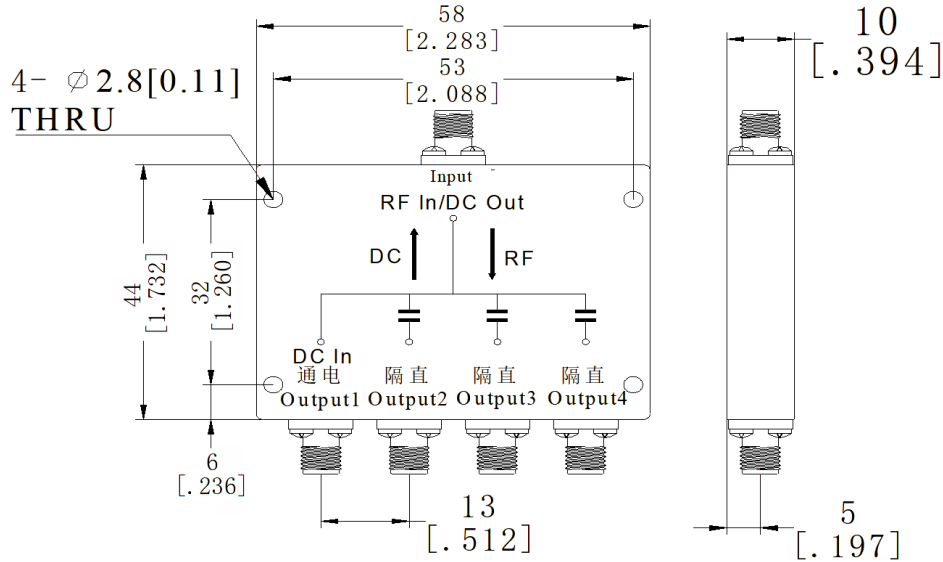


## SMA 4 Way Microstrip Power Divider, RPD105F107S4 1.5-1.7GHz, 20W , P-Grade , DC Block

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



### Electrical & Environmental

<b>Frequency Range</b>	1.5-1.7GHz	<b>Impedance</b>	50 Ohm
<b>Input Port VSWR</b>	1.25 max (Typ.1.16)		
<b>Output Port VSWR</b>	1.2 max (Typ.1.12)		
<b>Insertion Loss</b>	0.5dB max (Excluding theoretical loss未含理论损耗6.0dB)		
<b>Isolation</b>	22dB min (Typ.30dB)		
<b>Amplitude Balance</b>	$\pm 0.2$ dB		
<b>Phase Balance</b>	$\pm 2^\circ$		
<b>Input Avg Power</b>	20 Watts max @25°C (Derate linearly to 2 Watt at 100°C) (Combiner合路器用时2W)		
<b>Operating Temp</b>	-35°C ~ +75°C		

### Mechanical & Product Information

<b>Product Number</b>	RPD105F107S4, P-Grade, DC Block	<b>Way</b>	4
<b>Connector</b>	SMA Female	<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Gold plated beryllium copper		
<b>Housing</b>	Blue paint		
<b>Dimensions</b>	44×58×10mm	<b>Net Weight</b>	About 70.0g