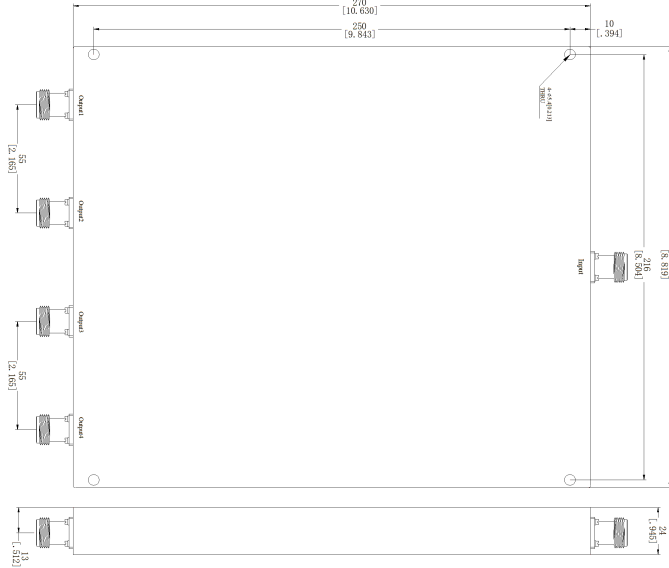


## N 4 Way Microstrip Power Divider, RPD01F05N4W300 100-500MHz, 300W , E-Grade

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



### Electrical & Environmental

<b>Frequency Range</b>	100-500MHz	<b>Impedance</b>	50 Ohm
<b>Input Port VSWR</b>	1.25 max (Typ.1.12)		
<b>Output Port VSWR</b>	1.2 max (Typ.1.1)		
<b>Insertion Loss</b>	0.7dB max (Excluding theoretical loss未含理论损耗6.0dB)		
<b>Isolation</b>	20dB min (Typ.26dB)		
<b>Amplitude Balance</b>	$\pm 0.2$ dB		
<b>Phase Balance</b>	$\pm 3^\circ$		
<b>Input Avg Power</b>	300 Watts max @25°C (Derate linearly to 30 Watt at 100°C) (Combiner合路器用时100W)		
<b>Operating Temp</b>	-35°C ~ +75°C		

### Mechanical & Product Information

<b>Product Number</b>	RPD01F05N4W300, E-Grade	<b>Way</b>	4
<b>Connector</b>	N Female	<b>Connector Body</b>	Ternary alloy plated brass
<b>Center Contact</b>	Gold plated beryllium copper		
<b>Housing</b>	Sandblasting natural color conductive oxide		
<b>Dimensions</b>	270×224×24mm	<b>Net Weight</b>	About 3.0kg

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## Typical Test Data

