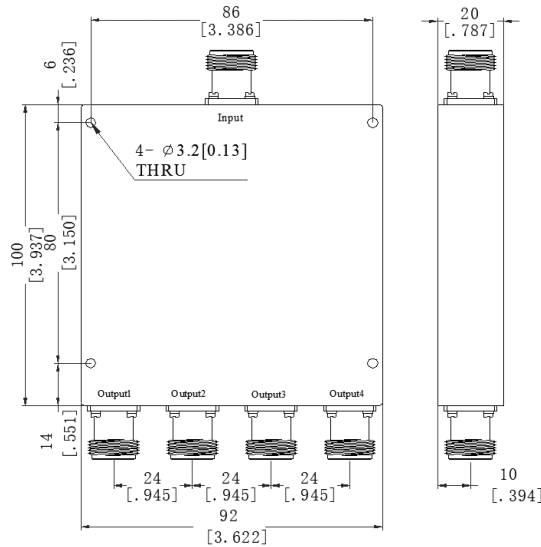




## N 4 Way Microstrip Power Divider, RPD05F6N4 0.5-6GHz, 30W , E-Grade

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

<b>Frequency Range</b>	0.5-6GHz	<b>Impedance</b>	50 Ohm
<b>Input Port VSWR</b>	1.3 max (Typ.1.18)		
<b>Output Port VSWR</b>	1.2 max (Typ.1.16)		
<b>Insertion Loss</b>	2dB max (Excluding theoretical loss未含理论损耗6.0dB)		
<b>Isolation</b>	18dB min (Typ.28dB)		
<b>Amplitude Balance</b>	$\pm 0.3$ dB		
<b>Phase Balance</b>	$\pm 4^\circ$		
<b>Input Avg Power</b>	30 Watts max @25°C (Derate linearly to 3 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>	RPD05F6N4, 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 oxidation		
<b>Dimensions</b>	100×92×20mm	<b>Net Weight</b>	About 493.0g



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### Typical Test Data

