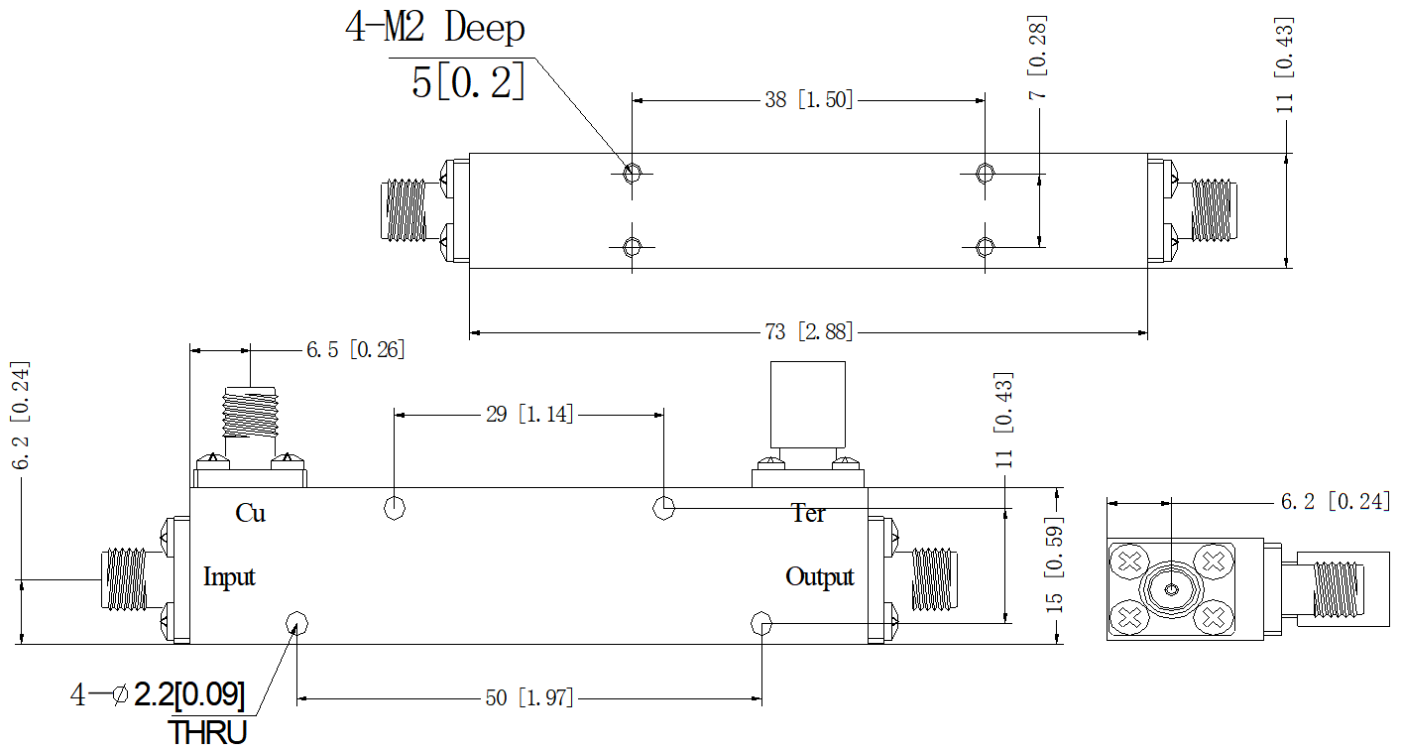


## SMA Directional Coupler, RDC1F20S-10

### 1-20GHz, Coupling 10dB, 30W

Dimensions(mm) Tolerance $\pm$ 1%



### Electrical & Environmental

Frequency Range	1-20GHz	Impedance	50 Ohm
VSWR Primary	1.6 Max (Typ.1.4)		
VSWR Secondary	1.6 Max (Typ.1.4)		
Insertion Loss	1dB Max		
Directivity	10dB Min		
Frequency Sensitivity	$\pm$ 1.2dB		
Nominal Coupling	10 $\pm$ 1.5dB		
Input Avg Power	30 Watts max @25°C (Derate linearly to 3 Watt at 100°C)		
Operating Temp	-45°C~85°C		

### Mechanical & Product Information

Product Number	RDC1F20S-10	Product Type	Directional Coupler
Connector	SMA Female	Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper		
Housing	Light blue paint		
Dimensions	73 $\times$ 15 $\times$ 11mm	Net Weight	-



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