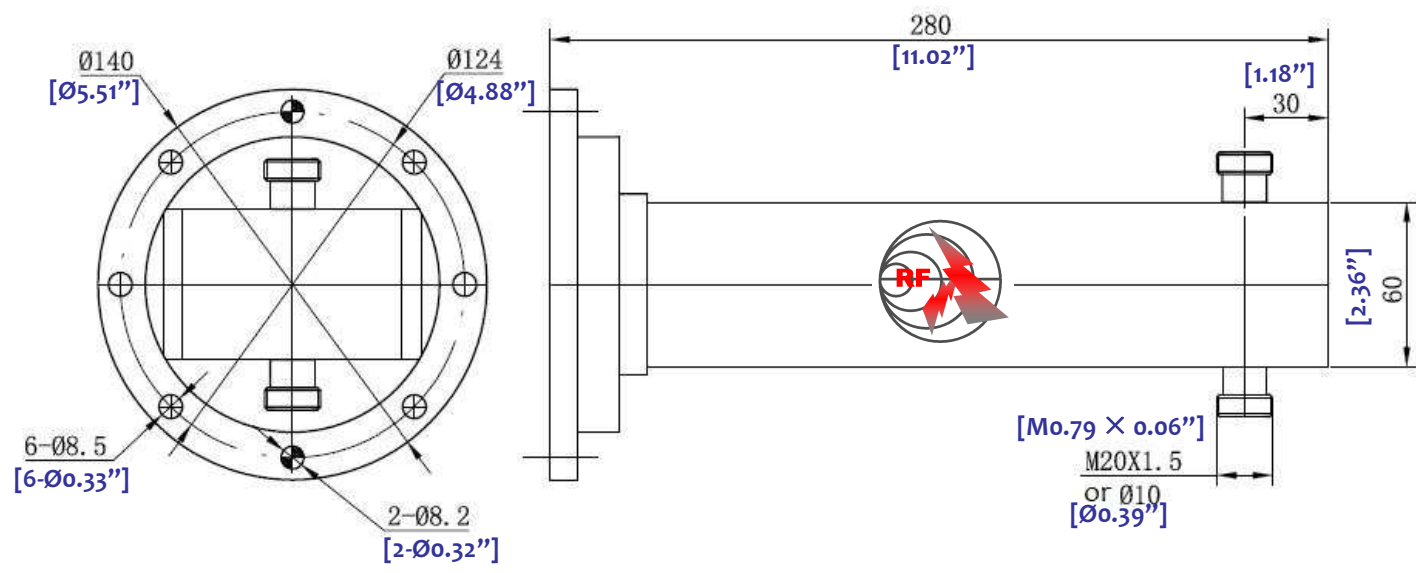


# 3000W CW WR284 HIGH POWER WATER COOLING WAVEGUIDE LOAD

## --- RFWT284E



1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR284
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Aluminum
1.5	External Body Finish	Body painted with gray/black epoxy enamel

2.0 Environment specifications		
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-10°C~+50°C
2.3	Altitude	15000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	90% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msc

3.0 Electrical Specifications		
3.1	Center Freq. Range	2.6 ~ 3.95 2.84-2.88GHz (as shown)
3.2	Bandwidth	40MHz
3.3	Functional Bandwidth	15% or 1000MHz max.
3.4	Peak Power	3MW
3.5	Power Handle:	3000W (CW)
3.6	Max. VSWR	1.10:1

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	RF-LAMBDA RFPC
	CAD MODEL REVISION 02
	ASSEMBLY REVISION VS2
ASSEMBLY NAME RFLVR42	DRAWING NUMBER D02-3
<b>RFWT284E</b> <b>WAVEGUIDE HIGH POWER LOAD</b>	www.rflambda.com <b>RF-LAMBDA</b>
SIZE LT	SHEETS 1 OF 1