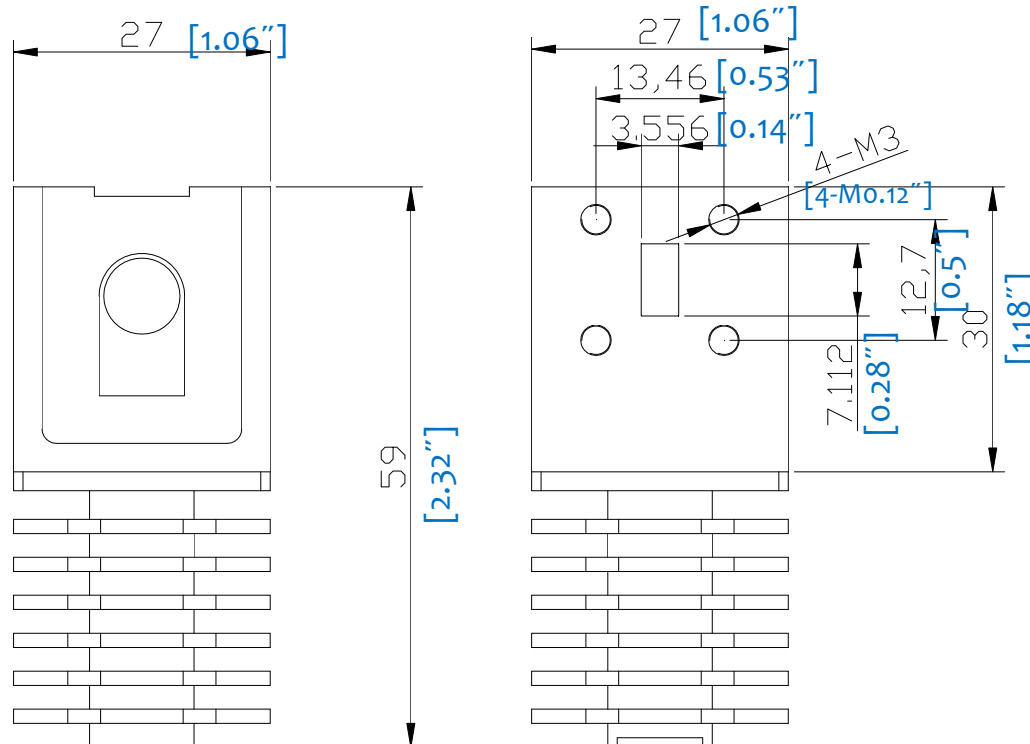
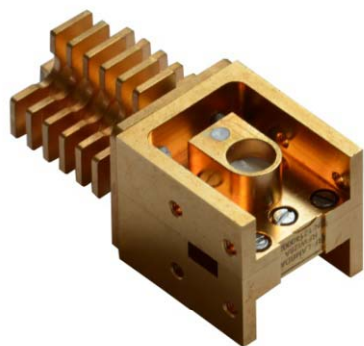


WAVEGUIDE ISOLATOR 15W FORWARD AND REVERSE POWER


--- **RFWI28A**



1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR28
1.2	Flange type	COVER
1.3	Flange Holes	Through (As shown)
1.4	Basis-material	Aluminum
1.5	External Body Finish	Body painted with gray/black epoxy enamel

2.0 Environment specifications		
2.1	Operation Temp.	-32°C~+63°C
2.2	Storage Temp.	-50°C~+125°C
2.3	Altitude	30,000 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	Frequency	26.5-40GHz
3.2	Bandwidth	5GHz (Anywhere within band) 32-38 GHz (As shown)
3.3	Average Power	15W (CW) (Forward and reverse)
3.4	Insertion Loss	0.30dB (+/-3GHz)
3.5	Isolation	20dB (+/-3GHz)
3.6	Max. VSWR	1.30 : 1 (+/-3GHz)

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		RF-LAMBDA RFPC
 RFWI28A WAVEGUIDE ISOLATOR	CAD MODEL REVISION 11	1
	ASSEMBLY REVISION VS50	
	ASSEMBLY NAME RFLVR11	
www.rflambda.com	DRAWING NUMBER D05-1	0
RF-LAMBDA	SIZE LT	SHEETS 1 OF 1