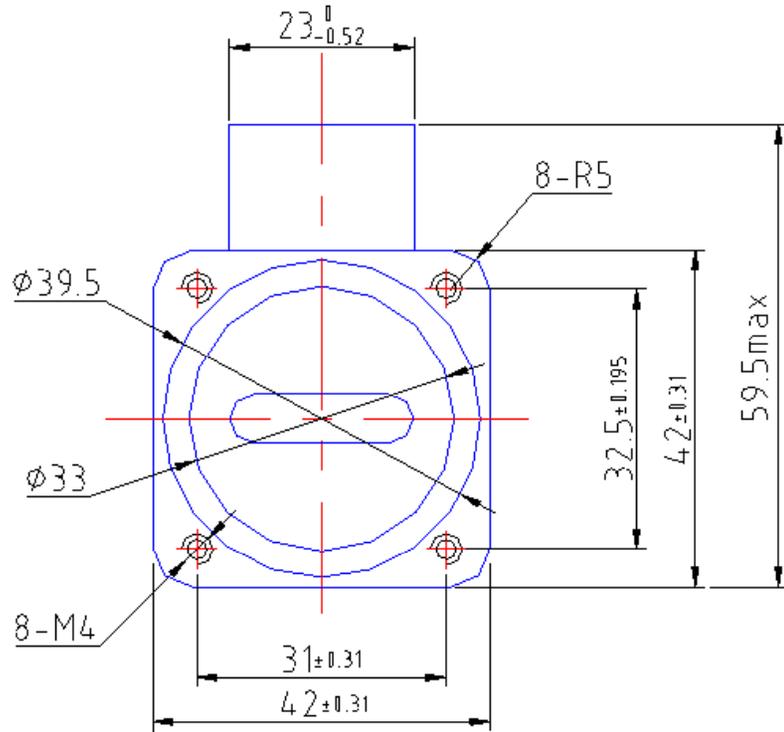


HIGH POWER WAVEGUIDE LIMITER

--- RFLMT10G10G



1.0 Mechanical Specifications		
1.1	Mounting Holes	Through
1.2	Input Connector	WR90 (SMA is available with WR90 to SMA adapter)
1.5	Output Connector	WR90 (SMA is available with WR90 to SMA adapter)
1.7	External Body Finish	Body painted with gray/black epoxy enamel

2.0 Environment specifications		
2.1	Operation Temp.	-55°C~+100°C
2.2	Storage Temp.	-60°C~+100°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msec
2.7	Heat Sink	HEAT SINK MUST BE ATTACHED DURING OPERATION TO MAINTAIN TEMP. SPECIFICATION AND AVOID SHORT TERM TEMP BREAK DOWN

3.0 Electrical Specifications		
3.1	Frequency Range	10.5-10.9GHz
3.2	VSWR	1.30 : 1 Max
3.3	Insertion Loss	1.0dB
3.4	Flat Leakage Peak	$P_{out} < 15mW$ ($P_{in} = 1W$)
3.5	Flat Leakage CW	15~18dBm
3.6	Input Power	80W Peak / 25W CW average Duty Cycle 25% Pulse Width 25us

PAGE 1 OF 1		DATE	June 25 TH 2006
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		RF-LAMBDA	RFAC
 RFLMT10G10G HIGH POWER LIMITER	CAD MODEL REVISION	2	
	ASSEMBLY REVISION	V553	
	ASSEMBLY NAME	RFLVR3	
	DRAWING NUMBER	D02-1	
www.rflambda.com	SIZE	LT	SHEETS
RF-LAMBDA			1 OF 1