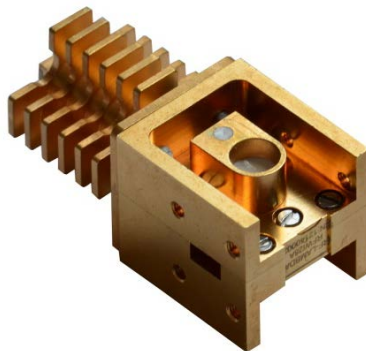
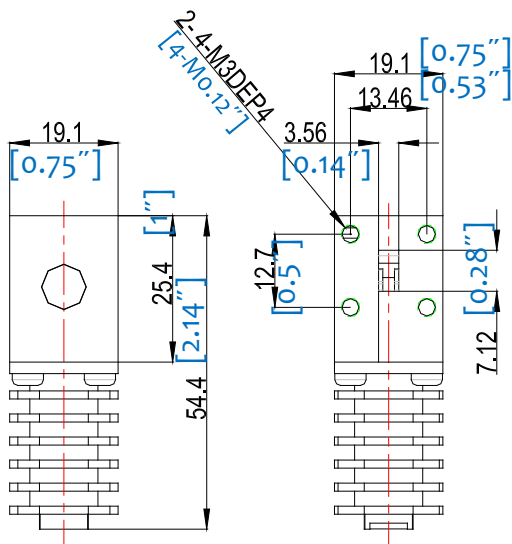
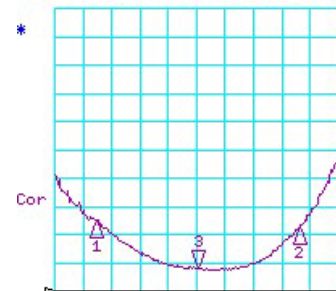


WAVEGUIDE ISOLATOR 15W --- RFWI28A27G32G



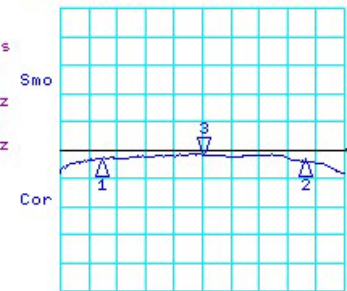
CH1 SWR 100 m / REF 1
S11 3: 1.0797 29.500 000 000 GHz



START26000.000 MHz STOP33000.000 MHz

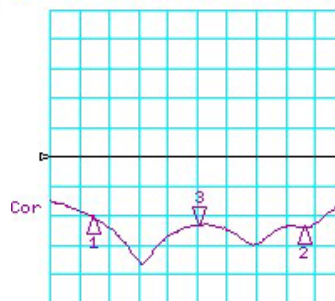
18 Jan 2013 14:05:12

CH2 LOG .5 dB / REF 0 dB
S21 3: -.08500 dB 29.500 000 000 GHz



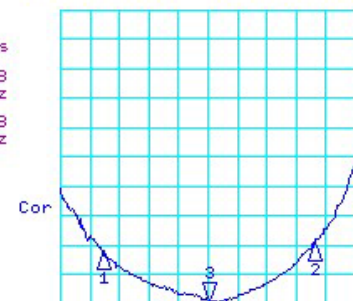
START26000.000 MHz STOP33000.000 MHz

CH3 LOG 10 dB / REF 0 dB
S12 3: -23.117 dB 29.500 000 000 GHz



START26000.000 MHz STOP33000.000 MHz

CH4 SWR 100 m / REF 1
S22 3: 1.0091 29.500 000 000 GHz




START26000.000 MHz STOP33000.000 MHz

1.0	Mechanical Specifications ¹	
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 35°C, 95% RH at 40 deg c
2.6	Shock	20G for 11msc

3.0	Electrical Specifications	
3.1	Frequency	27-32GHz
3.2	Bandwidth	5GHz (Anywhere within band)
3.3	Average Power	15W (CW) (Forward and reverse)
3.4	Insertion Loss	0.40dB
3.5	Isolation	20dB
3.6	Max. VSWR	1.35 : 1

PAGE	OF	DATE
		Sep 23th 2009
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		RFPD
		RFLAMBDA
		RFPD
 RFWI28A27G32G WAVEGUIDE ISOLATOR		CAD MODEL REVISION
		11
		ASSEMBLY REVISION
		VS50
www.rflambda.com		ASSEMBLY NAME
		RFLVR11
RFLAMBDA		DRAWING NUMBER
		D06-1
SIZE	SHEETS	
LT	1 OF 1	