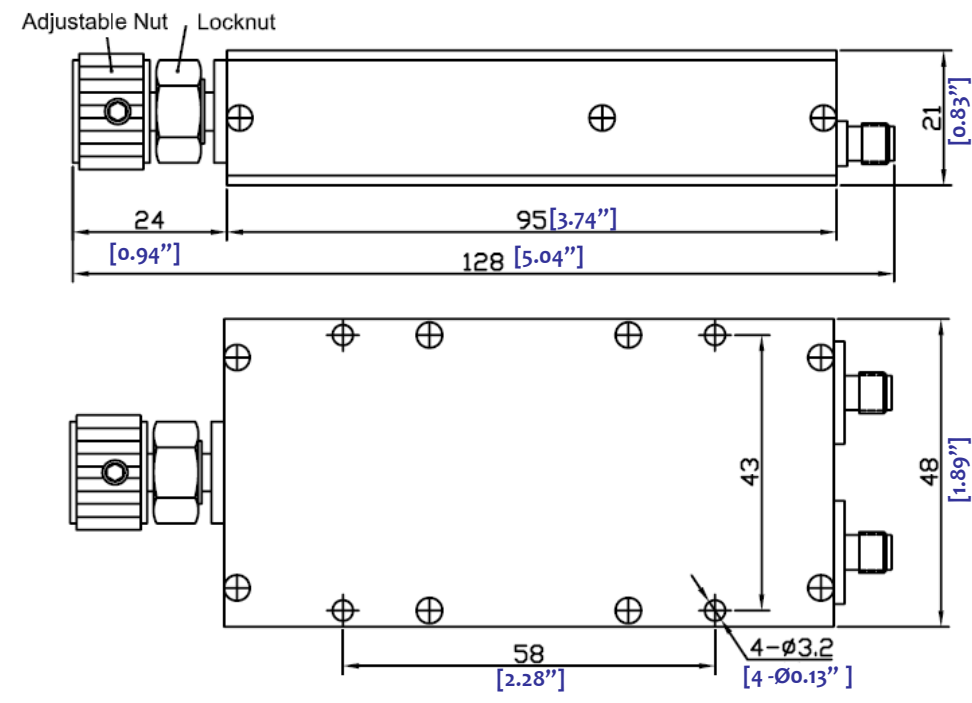


# HIGH POWER PHASE SHIFTER TUNER

## --- RFPSHT0002W1



1.0 Mechanical Specifications		
1.1	Connector	SMA –Female only
1.2	Size	4.63" x 1.85" x 0.83" (117.5 × 47 × 21mm)
1.3	Weight	160g
1.4	External Finish	Body painted with blue/black epoxy enamel

2.0 Environment specifications		
2.1	Operation Temp.	-10°C~+50°C
2.2	Storage Temp.	-40°C~+70°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 11msc

3.0 Electrical Specifications						
Part Number	Frequency (GHz)	Insertion Loss (dB)	Phase Adjustment	Max VSWR	Average / Peak Power (W)	
RFPSHT0002W1	DC-2	<0.75	90° ***	1.3	50W / 2KW	

\*\*\*Phase Adjustment Range specification ONLY refer to the highest frequency point. Total Phase Adjustment Range is proportion of Frequency range. HALF the frequency range, HALF of the phase adjustment range. (For example 8GHz range 360°, then 4GHz will be 180° total range)

PAGE 1 OF 1

DATE Oct 8<sup>th</sup> 2006

DESIGN RFPC

RF-LAMBDA RFPC

CAD MODEL REVISION 10

ASSEMBLY REVISION V352

ASSEMBLY NAME RFLVR07

DRAWING NUMBER D05-A

**RFPSHT0002W1**  
**HIGH POWER PHASE SHIFTER TUNER**

www.rflambda.com

**RF-LAMBDA**

SIZE LT SHEETS 1 OF 1