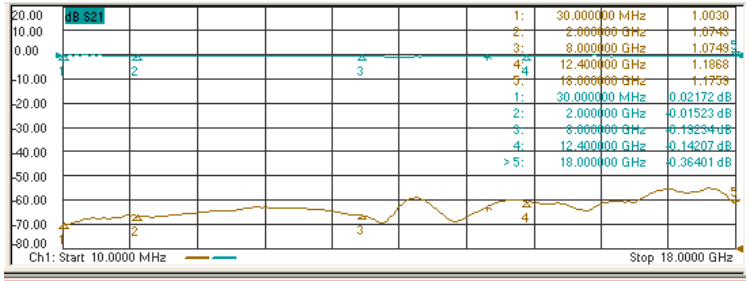
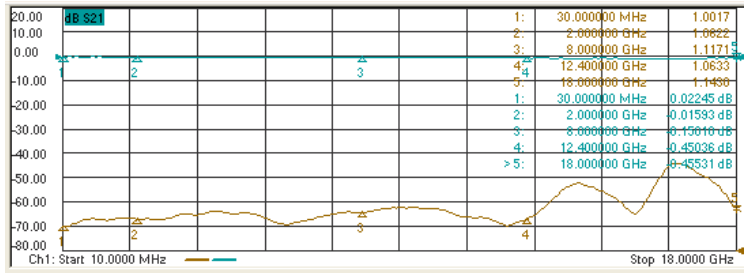
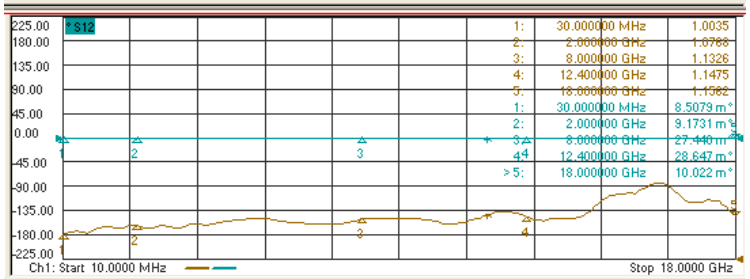
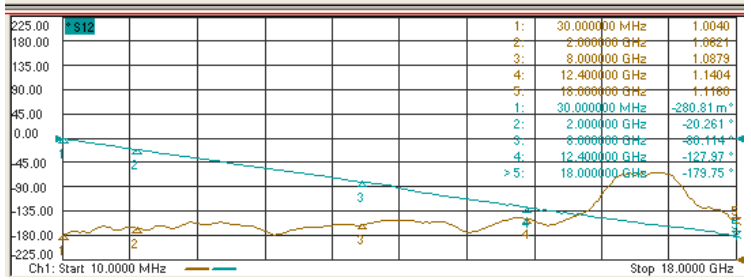
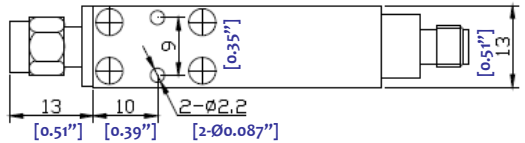
WIDE BAND HIGH POWER PHASE SHIFTER TUNER - RFPSHT0018W7

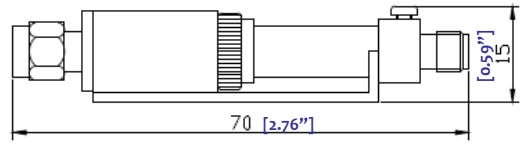












1.0	Mechanical Specifications	
1.1	Coaxial Connector	SMA-Male to Female
1.2	Size	RFPSHT0018W7 : Φ0.35" x 1.67" (Φ9 x 42.5mm~52.5mm)
1.3	Weight	20g (RFPSHT0008W7)
1.4	External Body Finish	Body painted with blue/black epoxy enamel

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° c
2.6	Shock	20G for 11msc

3.0	Electrical Specifications					
Part Number	**Frequency (GHz)**	**Insertion Loss (dB)**	**Phase Adjustment**	**Max VSWR**	**Power (W) CW**	**Peak Power (KW)**
RFPSHT0018W7	DC-18	0.50dB @ 12GHz 0.75dB @ 18GHz	360°with 20°/GHz***	1.3 : 1 @ 4GHz 1.5 : 1 @ 18GHz	50	5

***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 8th 2006

DESIGN RFPC

RF-LAMBDA RFPC

RFPSHT0018W7
HIHG POWER
PHASE SHIFTER

CAD MODEL REVISION 10

ASSEMBLY REVISION VS52

ASSEMBLY NAME RFLVR07

DRAWING NUMBER D05-A

www.rflambda.com

RF-LAMBDA

SIZE LT

SHEETS 1 OF 1