

0 degree

45 degree

90 degree

180 degree

9

Tr1 S11 SWR 200.0m / Ref 1.000 [F2]



F

Tr1 S11 SWR 200.0m / Ref 1.000 [F2]



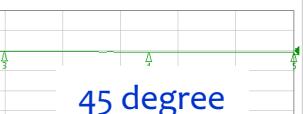
G

Tr1 S21 Log Mag 10.00db / Ref 0.00db [F2]



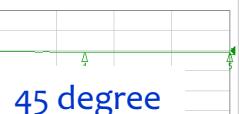
H

Tr1 S21 Log Mag 10.00db / Ref 0.00db [F2]



J

Tr1 S22 Phase 45.00 / Ref 0.000 [F2 D/M]



K

Tr1 S22 Phase 45.00 / Ref 0.000 [F2 D/M]



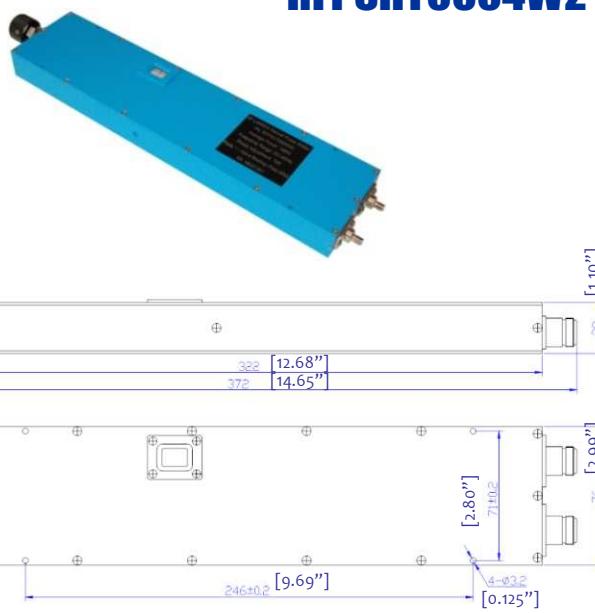
L

Tr1 S22 Phase 45.00 / Ref 0.000 [F2 D/M]



HIGH POWER PHASE SHIFTER TUNER

--- RFPSHT0004W2



1.0 Mechanical Specifications	
1.1	Coaxial Connector
	N-Female (SMA model optional)
1.2	Size
	13.31" x 3.46" x 1.18" (338 x 88 x 30mm)
1.3	Weight
	1kg
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 deg c
2.6	Shock 20G for 11msc

3.0 Electrical Specifications						
Part Number	Frequency (GHz)	Insertion Loss (dB)	Phase Adjustment	VSWR max.	Power (CW W)	PK Power (KW)
RFPSHT0004W2	DC-4	<1.60	720° ***	1.5	100	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 8 th 2006
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DESIGN	RFPC
RF-LAMBDA	RFPC
CAD MODEL REVISION 10	
ASSEMBLY REVISION VS52	
ASSEMBLY NAME RFLVR07	
DRAWING NUMBER D05-A	
RF-LAMBDA	SIZE LT
	1 SHEETS
	1 OF 1