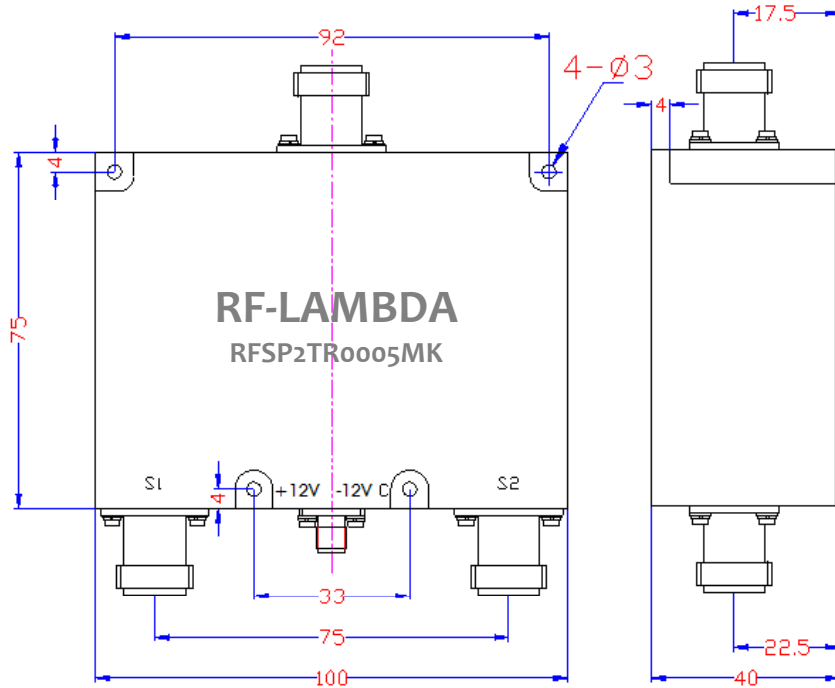


# 500W HIGH PEAK POWER REFLECTIVE PIN SPDT SWITCH - RFSP2TR0005MK




3.0 Electrical Specifications		
3.1	Frequency Range	20MHz~500MHz
3.2	Max. VSWR	1.50:1
3.3	Average power	5W CW
3.4	Peak Power	500W ( 1% duty cycle)
3.5	Isolation	50dB typ. 40dB min
3.6	Insertion Loss	0.8 dB typ. 1.0dB max
3.7	DC Control	+5V / -250V (As shown for 500W peak power model) +5V / (+5V / -15V for lower peak power model)
3.8	Switching Speed	500ns
3.9	Control Logical TTL	0 "J0->J1"
		1 "J0->J2"

1.0 Mechanical Specifications		
1.1	Basis-material	Brass
1.2	Coaxial Connector	N (Male or Female)
1.3	External Body Finish	Gold / Nickel plating

2.0 Environment specifications		
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-50°C~+125°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

**\* HEAT SINK IS RECOMMENDED DURING OPERATION**

PAGE 1 OF 1		DATE	Sep 15 <sup>th</sup> 2006
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		RF-LAMBDA	RFAC
		CAD MODEL REVISION	01
		ASSEMBLY REVISION	VS02
 <b>RFSP2TR0005MK</b> <b>PIN DIODE</b> <b>SPDT SWITCH</b>		ASSEMBLY NAME	RFLVR7
www.rflambda.com		DRAWING NUMBER	D00-1
RF-LAMBDA	SIZE LT	SHEETS 1 OF 1	