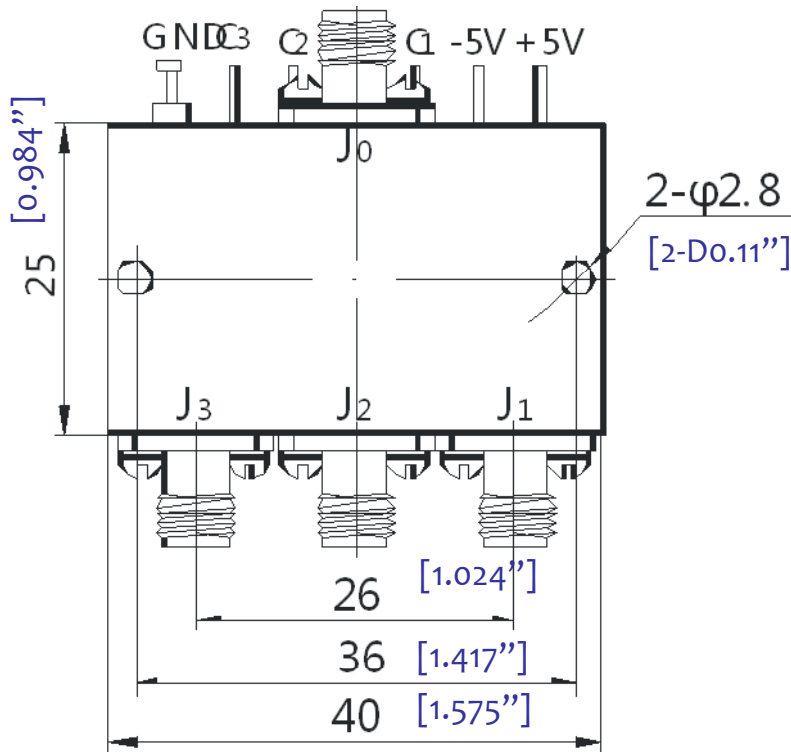
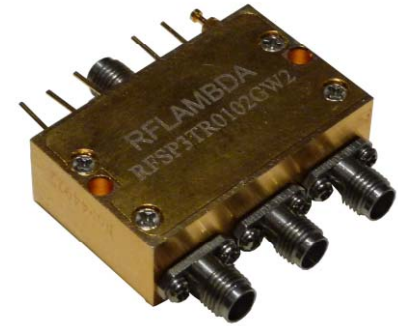


# 20-1000MHz Absorptive / Reflective PIN SP3T Switch


## - RFSP3TA0001G / RFSP3TR0001G



3.0	Electrical Specifications	
3.1	Frequency Range	20MHz -1000MHz
3.2	Max. VSWR	1.50:1 max.
3.3	Operational Power	+23dBm
3.4	No Damage Power	1W CW (Absorptive) / Up to 80W available for Reflective type.
3.5	Isolation	60dB min 70dB typ.
3.6	Switching Speed	100ns. Max.
3.7	Insertion Loss	1.2dB typ. 1.8dB max.
3.8	Control Logical TTL	TTL: 0 = "ON", 1 = "OFF", 3.3V < "1" < 5V, 3.3V (1mA Max), 5V (90mA Max)
	C1 C2 C3	C1=0 (J0->J1) ; C2=0 (J0->J2) ; C3=0 (J0->J3)

1.0	Mechanical Specifications	
1.1	Basis-material	Brass
1.2	Coaxial Connector	SMA Female
1.3	External Body Finish	Gold plating

2.0	Environment specifications	
2.1	Operation Temp.	-45°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 deq c
2.6	Shock	20G for 11msc

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 <b>RFSP3T0001G</b> PIN DIODE SP3T SWITCH		DESIGN	RFAC
		RF-LAMBDA	RFAC
		CAD MODEL REVISION	06
		ASSEMBLY REVISION	VS08-1
www.rflambda.com		ASSEMBLY NAME	RFLVR6
RF-LAMBDA		DRAWING NUMBER	D01-6
SIZE	LT	SHEETS	1 OF 1