



RF-LAMBDA

The power beyond expectations

RFSP3TR0350G



Reflective 200-500MHz 150W Peak 70W CW Coaxial SP3T

Wide Band Operation
High Power Handle 70W CW 150W Peak
TTL compatible driver include
Fast Switching Speed 2us
Low Insertion Loss and High Isolation
Temperature Range -40°C~+85°C
Customization available upon request

Specification	Reflective type		
	PN: RFSP3TR0350G		
	Low	Med	High
Frequency (MHz)	200	360	500
Insertion Loss(dB)	1.5dB typ. @2GHz	1.0dB typ. @3GHz	1.5dB typ. @4GHz
VSWR	2.0	1.2	2.0
Isolation(dB)	60	60	60
Switching Speed(us)	2us	2us	2us
Average Power (W)			70
Peak Power (W)			150W 5% 1us
Weight (g)	75		
IIP3 (Input IP3) dBm	N/A		
Impedance(Ohms)	50Ω		
Power Supply (V)	+28V DC +5VDC		
Current(mA)	<100mA		
Input Connector	N-Female (Standard)		
Output Connector	N-Female (Standard)		
Finishing	Nickel Plating		
Material	Aluminum		
Seal	Hermetically Sealed		
Control (TTL Driver Included)	TTL Control (Voltage > 2.7v Treat as logic 1)		
	C1 C2 C3	Status	
	C1=1	J0-J1	
	C2=1	J0-J2	
	C3=1	J0-J3	

150W Peak 70W CW Reflective Coaxial Single Pole Double Throw Switch 200-500MHz



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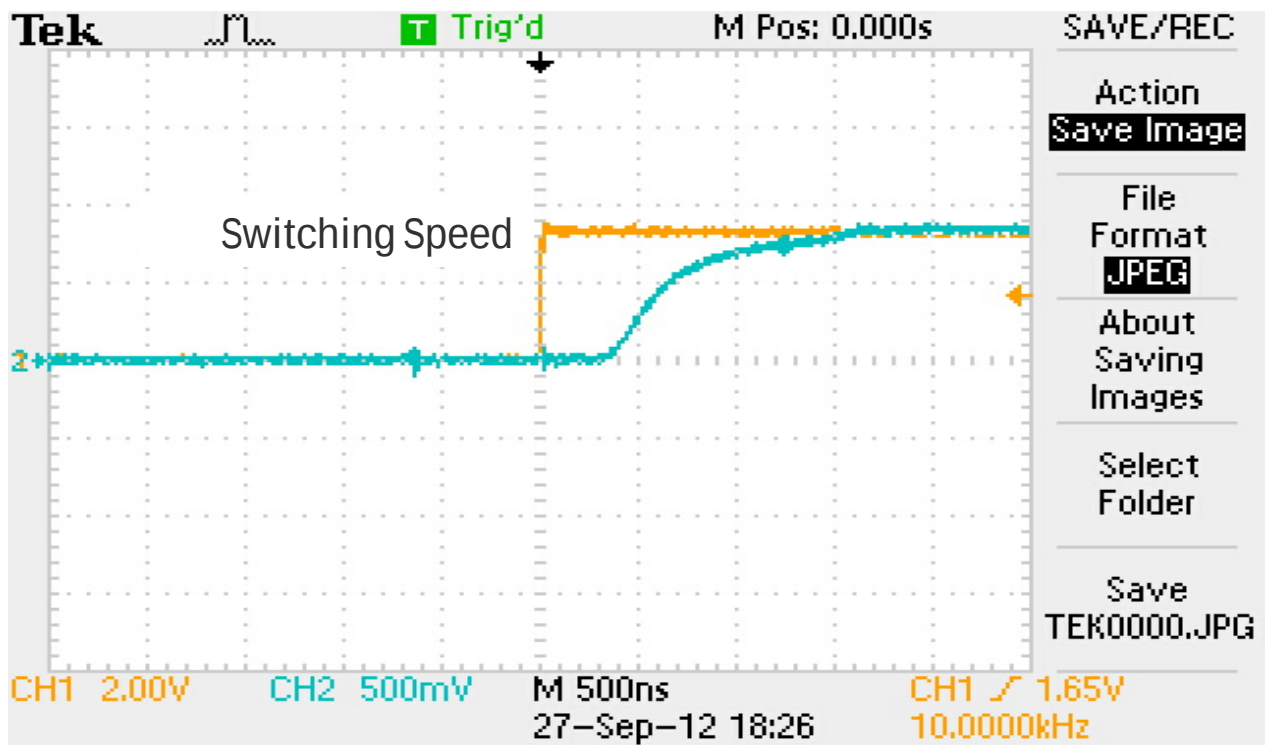
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Absolute Maximum Ratings	
Biasing	+30 V
TTL Control Voltage	+5.5V/0V
Input RF power	55W
Storage Temperature (C°)	-50 ~ +125

Biasing Up Procedure	
Step 1	Connect Ground
Step 2	+28V +5V
Step 3	TTL
Power OFF Procedure	
Step 1	+28V +5V
Step 2	TTL remove
Step 3	Ground

Environment specifications	
Operational Temperature (C°)	-45 ~ +85
Storage Temperature (C°)	-50 ~ +125
Altitude	30,000 ft (Controlled environment)
Vibration	25g rms (15 degree 2KHz)
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msc

Ordering Information		
Part No	ECCN	Description
RFSP3TR0350G	EAR99	SP2T 200-500MHz PIN Diode Switch



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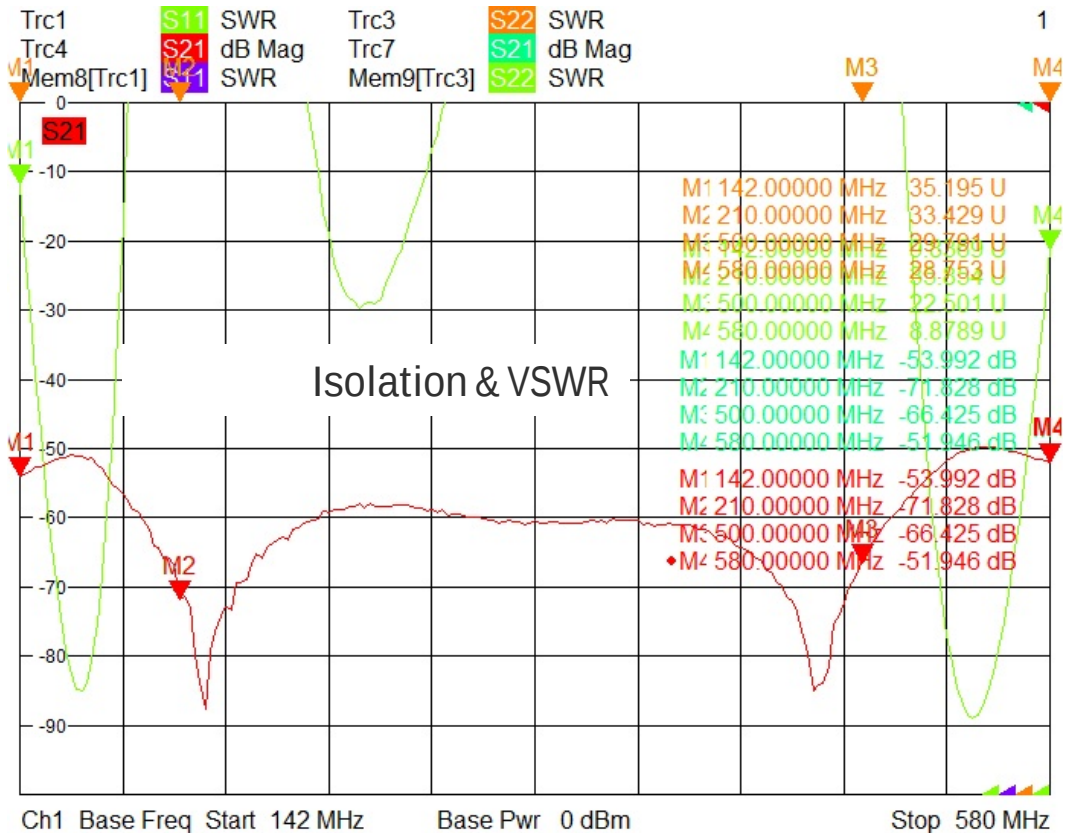
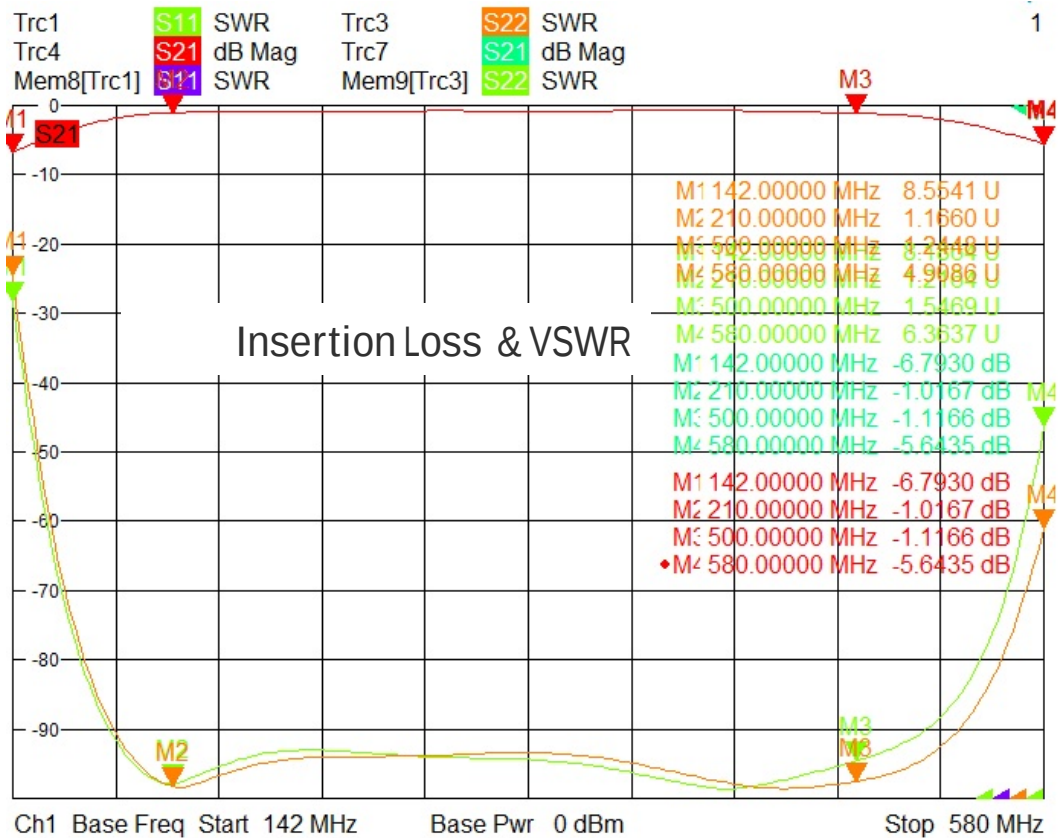


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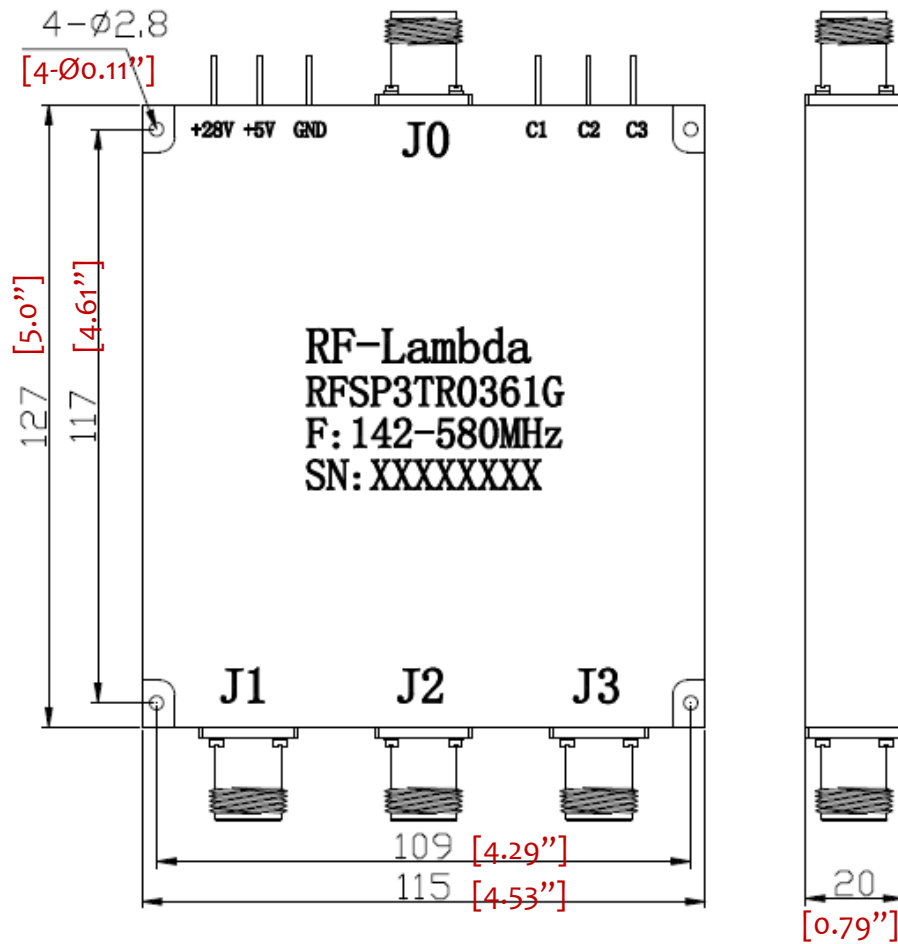




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150W Peak 70W CW Reflective Coaxial Single Pole Double Throw Switch 2-4GHz