

Electrical Specification

Parameter	Symbol	Typical	Units
Frequency Bandwidth	B	20~500	MHz
Insertion Loss at 20~29 MHz	IL	0.4, 1.0(max)	dB
Insertion Loss at 30~500 MHz	IL	0.2, 0.5(max)	dB
Return Loss	RL	-15, -10 (max)	dB
Isolation RFc to R1/R2	ISO	80, 65(min)	dB
Power Handling Capability at 20~25 MHz	Pin	50(max)	W
Power Handling Capability at 26~29 MHz	Pin	70 (max)	W
Power Handling Capability at 30~500 MHz	Pin	100 (max)	W
Switching Time (50 % control to 90 % RF)	tsw	3.0, 5(max)	usec
MAX PRF of Control	fc	1	kHz
RF Path for Control Low (0~0.8V)		RFc to RF2	
RF Path for Control High (4~5V)		RFc to RF1	
DC Power		28	V
Current Consumption		200, 250 (MAX)	mA
DC power and Control Connector type		22-05-7055 MOLEX	
MOLEX Pin Configuration		1:Control (0~5V) 2:GND 3:NC 4:NC 5:VDD(+28V)	
RF Connector Type		f-SMA	
Size (w/o Connector Extension)		76X56X37	mm ³
Operating Case Temperature		-20~70	degree C
Storage Temperature		-40~90	degree C

- ※ Control Signal is normally pulled up.
- ※ Maximum source and load VSWR is 2.0 : 1 for maximum handling power .
- ※ Do not use out of band.
- ※ Do not use without proper DC Power.

Specifications subject to change without notice.

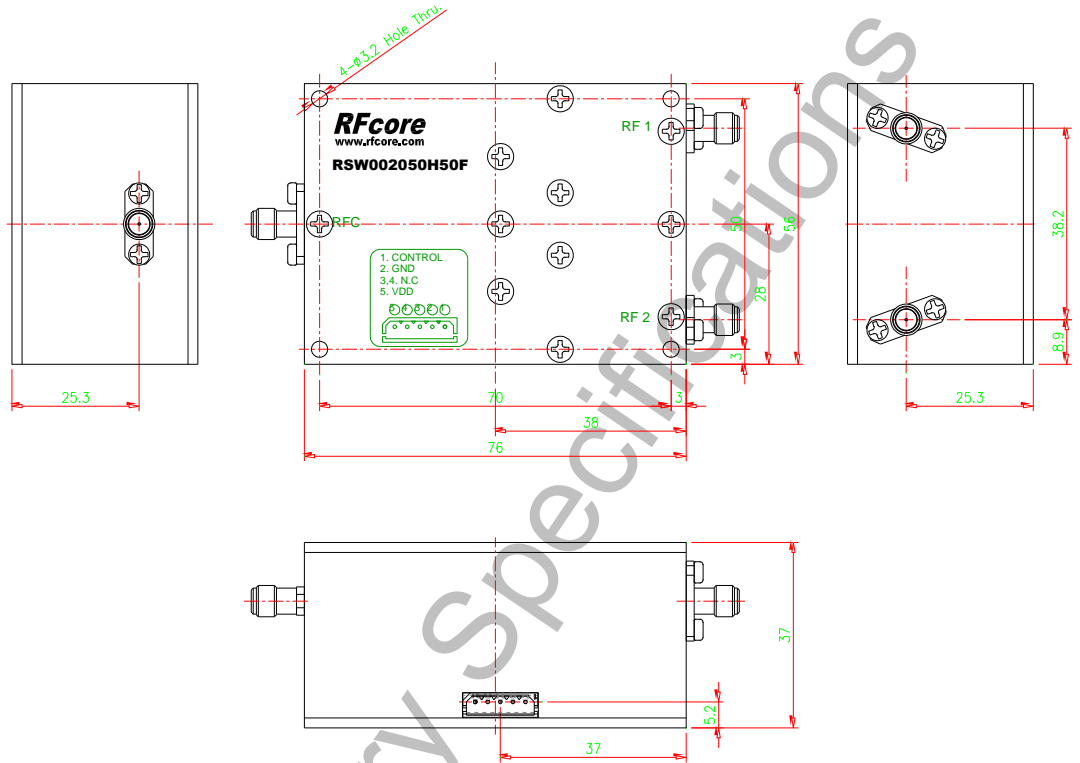
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Mechanical Drawing

RSW002050H50F



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