三、衰减器

数控衰减器

DIGITAL CON. ATTENUATOR

FEATURES:

Various Size & Wide Frequency: 0.5~6GHz

Freely Customer Design: Sample Provided In 3WKS

Excellent Temperature Stability: Operation temperature -45℃~85℃

METHOD OF DEFINITION:

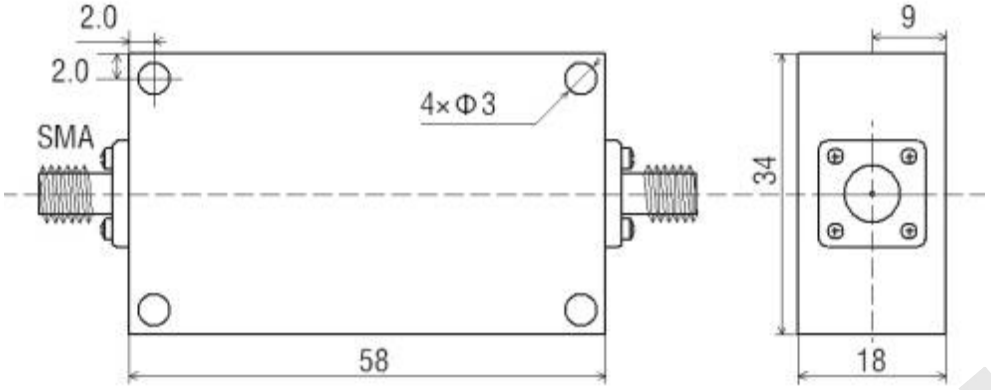
□□	□□□	□□	□□	□□	□□	□□
1	2	3	4	5	6	7

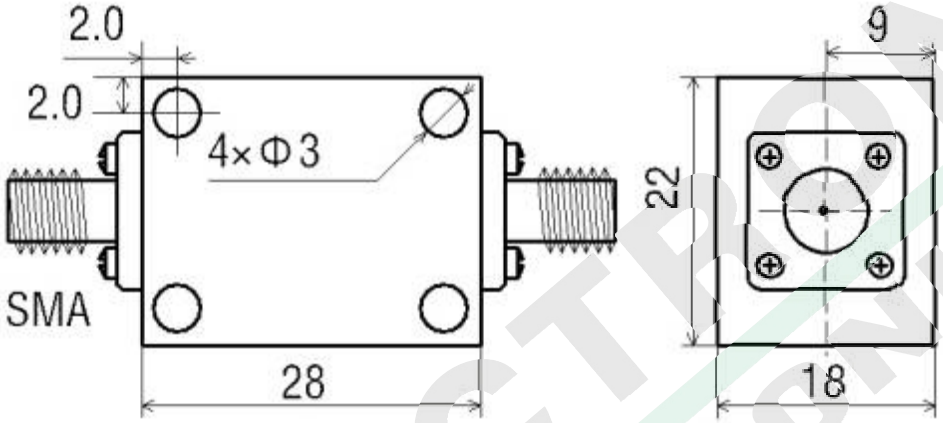
1. Company	2. Type	3. Frequency Center (Unit: GHz, A=.)
4. Stop Frequency (Unit: MHz)	5. Attenuation	6. Step 7. Outline Drawing

POPULAR MODEL:

Part Number	Freq. Range (GHz)	Atten. Range (dB)	Step (dB)	Insertion loss (dB)	VSWR	Control (bit)	Supply Power	Dimension
RTDATA5021501C02	0.5~2	15	1	3	1.6:1	4	±12	18×34×58
RTDATA5031501C02	0.5~3	15	1	3.5	2:1	4	±12	18×34×58
RTDATA5023101C02	0.5~2	31	1	3.5	2.2:1	5	±12	18×34×58
RTDATA50215A5C02	0.5~2	15.5	0.5	3.5	2:1	5	±12	18×34×58
RTDAT01063101C02	1~6	31	1	6	2:1	5	±5	18×34×58

DIMENSION: (C02)





电调衰减器

VOLTAGE CON. ATTENUATOR

FEATURES:

Various Size & Wide Frequency: 0.5~4GHz

Freely Customer Design: Sample Provided In 3WKS

Excellent Temperature Stability: Operation temperature -45℃~85℃

METHOD OF DEFINITION:

□□	□□□	□□	□□	□□	□□	□□
1	2	3	4	5	6	7

1. Company	2. Type	3. Frequency Center (Unit: GHz, A=.)
4. Stop Frequency (Unit: MHz)	5. Attenuation	6. Step 7. Outline Drawing

POPULAR MODEL:

Part Number	Frequency Range (GHz)	Attenuation Range (Db)	Insertion loss (dB)	VSWR	Supply Power	Dimension
RTDCAA50225C03	0.5~2	25	2	1.6:1	±5	18×22×28
RTDCA020425C03	2~4	25	3	2:1	±5	18×22×28

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四、功分器

POWER DIVIDERS 2WAY - 0°

FEATURES:

Various Size & Wide Frequency: 500MHz~5GHz

Freely Customer Design: Sample Provided In 3WKS

Excellent Temperature Stability: Operation temperature -45℃~85℃

Excellent Low Insertion Loss: 1dB

METHOD OF DEFINITION:

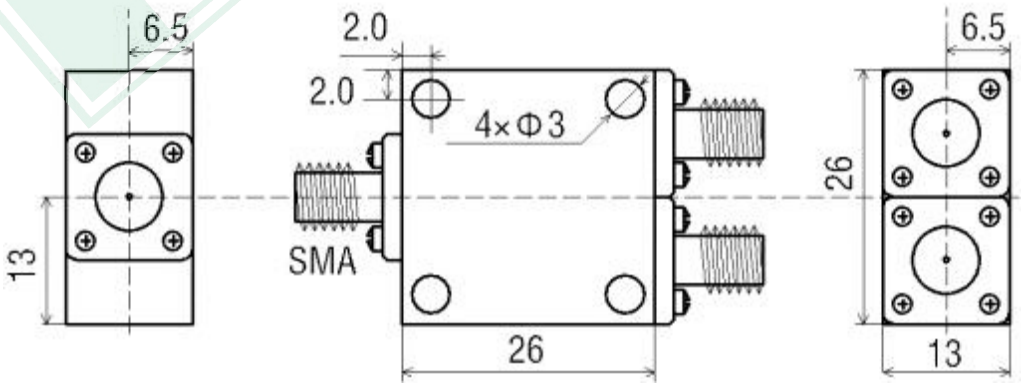
□□	□□□	□□	□□	□□
1	2	3	4	5

1. Company	2. Type	3. Begin Frequency (Unit: GHz, A=.)
4. End Frequency		5. Outline Drawing

POPULAR MODEL

Part Number	Freq. Range (GHz)	Insertion Loss (dB) Max.	Isolation(dB)	Amplitude Balance (dB) Max.	Phase Balance (Deg) Max.	VSWR Max.	Input Power (watts) Max.
RT2PDA501C01	0.5~1	1	20	0.5	1	1.5	5
RT2PD0102C01	1~2	1	20	0.5	2	1.5	5
RT2PD0204C01	2~4	1	20	0.8	2	1.5	5

OUTLINE DRAWING: (C01)



UNIT: INCH(mm)

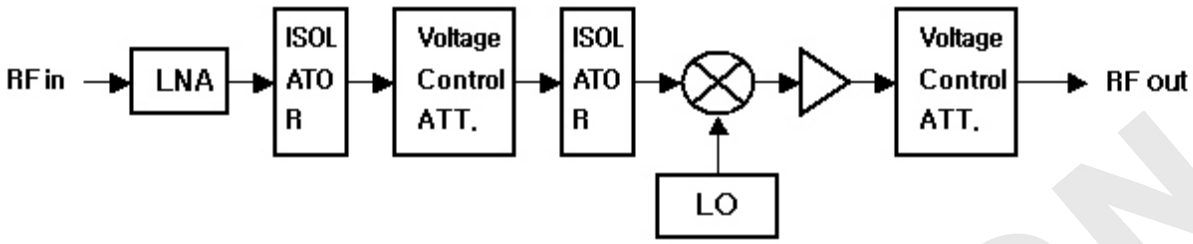
五、接受组件

雷达接受组件

RADAR RECIVER ASSEMBLE

BLOCK DIAGRAM

A TYPE



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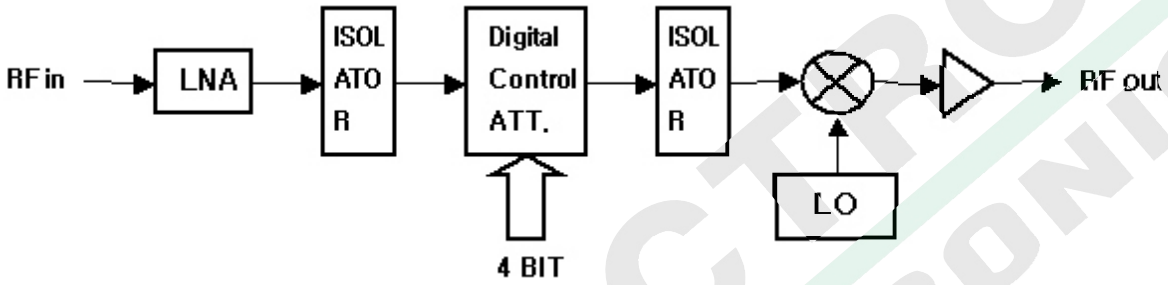
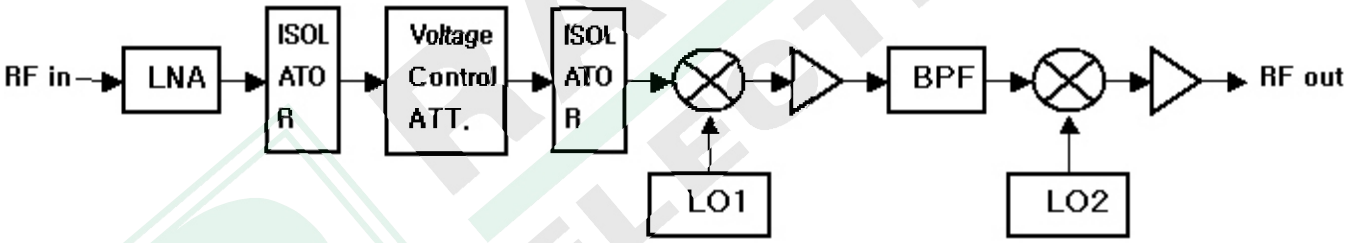
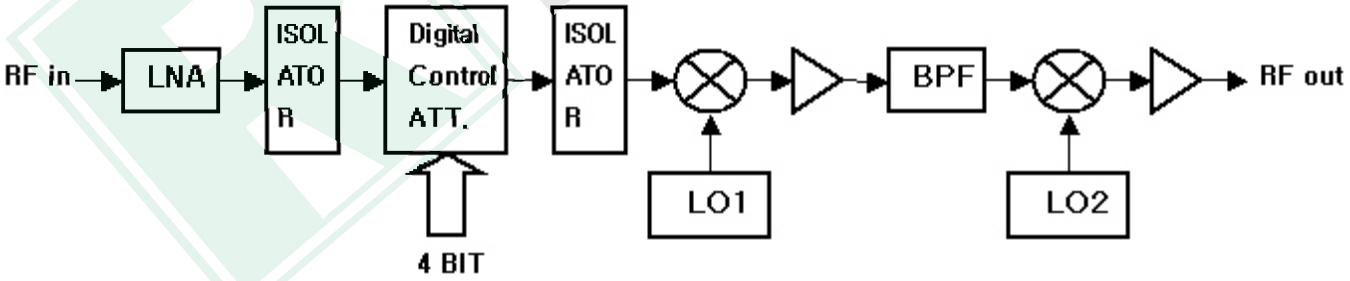


C TYPE



D TYPE



TYPICAL PERFORMANCE

D type C band Receiver

Frequency Range: 5~6GHz

Lo Frequency: 4~5GHz

IF Frequency: 1GHz

Gain: 58±1dB (max)

Noise Figure: ≤1.5dB

Mirror Frequency Rejection: 60dB

Supply Power: ±12V

Operation Temperature: -40℃~+75℃

Interface: SMA-50

Outline Drawing: TBD

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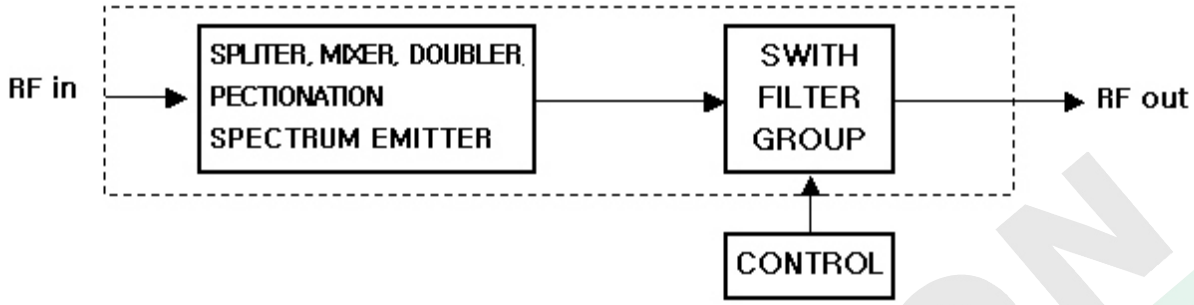
频标组件

STANDARD SOURCE ASSEMBLE

BLOCK DIAGRAM



TYPICAL PERFORMANCE

Pass Band Spurious Rejection: >50dBc

Out Band Spurious Rejection: >60dBc

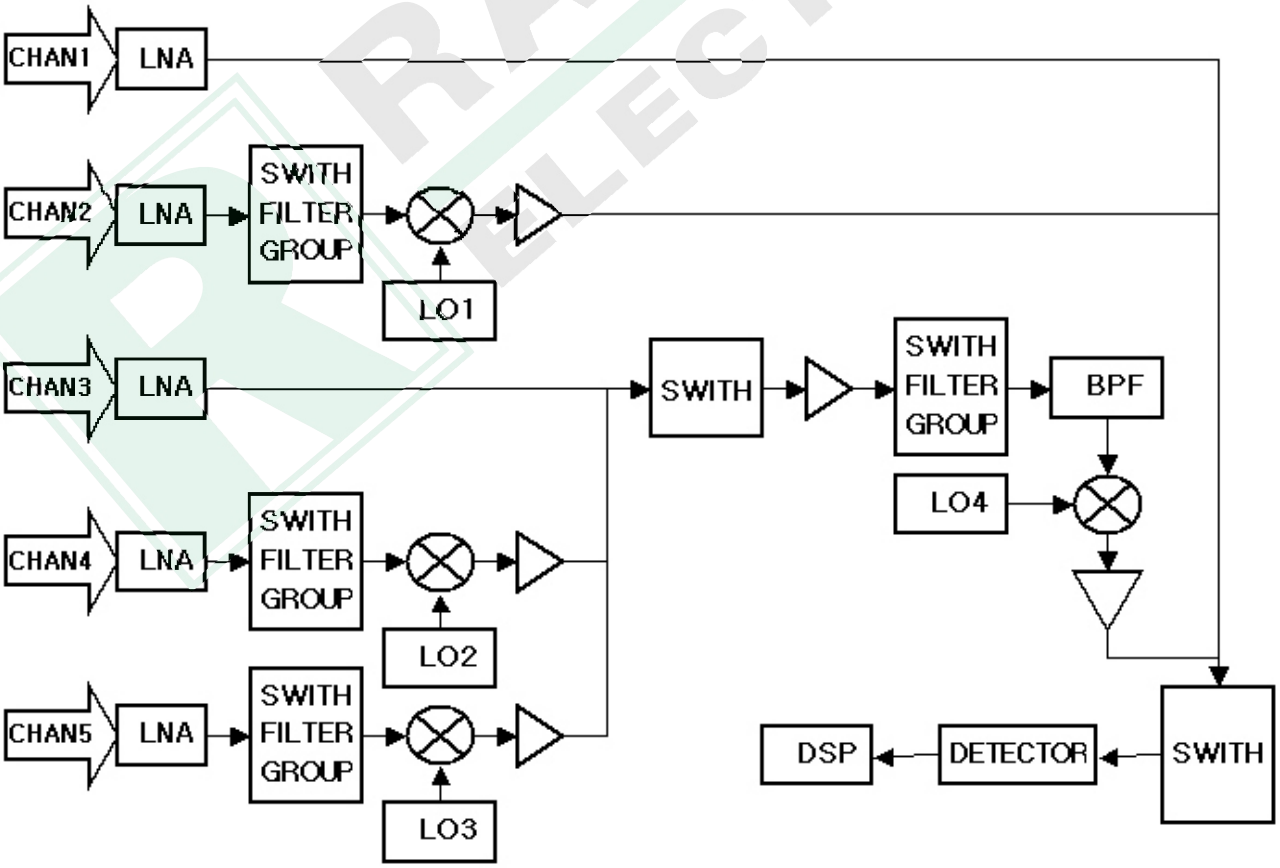
Output Power: >10dBm

Outline Drawing: TBD

侦察接受组件

RECON RECIVER ASSEMBLE

BLOCKDIAGRAM



TYPICAL PERFORMANCE

Operation Frequency: 1~18GHz (Freely Band)

Noise Figure: <4dB

Operation Power: <1W

IF 1: 2~4GHz

IF 2: 300~500MHz

Tangent Sensibility: >-85dBc

Sweep Time: <100uS

Mirror Frequency Rejection: 60dB

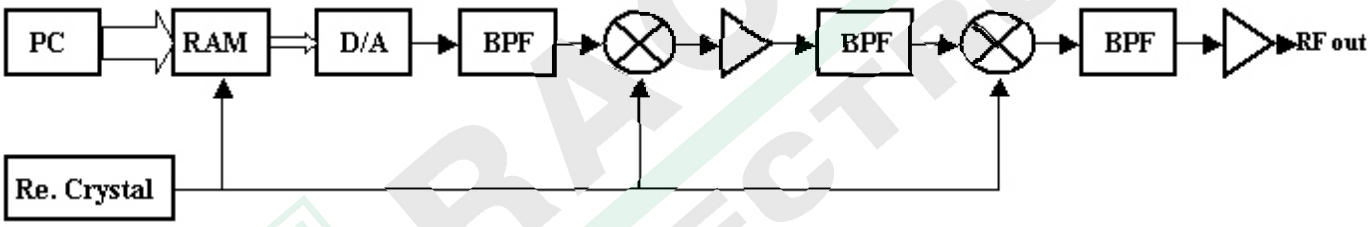
Linearity Dynamic: >60dB

Outline Drawing: TBD

数字波形产生组件

DIGITAL WAVE SOURCE

BLOCK DIAGRAM



TYPICAL PERFORMANCE

信号形式：线性调频、相位编码、连续波、噪声调制

脉冲重频周期：0~100ms

脉冲宽度：0~1ms

脉冲参差比：1：3：5

脉冲重频抖动范围：20%

模拟天线扫描形式：扇扫、锥扫

天线扫描周期：50s

脉冲隔离度：60dB

尺寸：协议商定

Single Model: Linearity Modulation, Phase Coding, CW, Noise Modulation

Pulse Cycle: 0~100mS

Pulse Band: 0~1mS

Pulse

Outline Drawing: TBD

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六、鉴相器

PHASE DETECTERS

FEATURES:

Various Size & Wide Frequency: 30MHz~400MHz

Freely Customer Design: Sample Provided In 3WKS

Excellent Temperature Stability: Operation temperature -45℃~85℃

Excellent Amplitude Balance: ±0.5dB

METHOD OF DEFINITION:

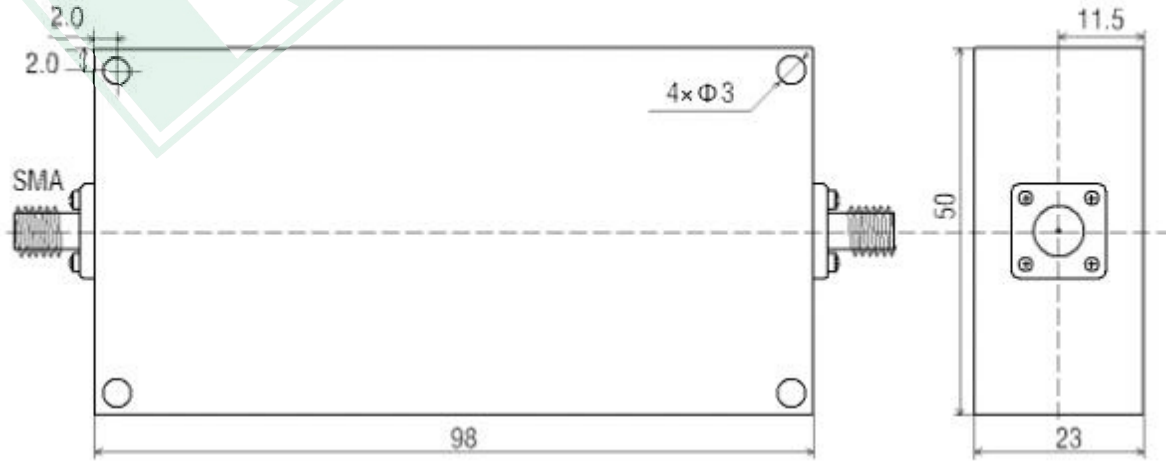
□□	□□	□□□	□□□	□□
1	2	3	4	5

1. Company	2. Type	3. Frequency Center (Unit: GHz, A=.)
4. Band (Unit: MHz)		5. Outline Drawing

POPULAR MODEL:

Part Number	Freq. Center (MHz)	Band (MHz)	Amplitude Balance (dB)	Phase Balance (Deg)	Linear Output (Vpp) max.	Insertion Loss (dB)	Supply Power	Dimension
RTPD030010C06	30	10	±0.5	1°	±1	40	±12	98×50×23
RTPD060020C06	60	20	±1	1°	±1	40	±12	98×50×23
RTPD120050C06	120	50	±1.5	2°	±1	40	±12	98×50×23
RTPD140060C06	140	60	±2	2°	±1	40	±12	98×50×23
RTPD0400100C06	400	100	±3	3°	±1	35	±12	98×50×23

DIMENSION: (C02)



UNIT: mm