

2 ~ 6 GHz 30dBm Amplifier

FEATURES

- P₁dB: 30dBm (min.)
- Gain: 30dB (min.)
- N.F.: 6dB max.
- Bias Condition: 1.8A @ 12V

ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	2.0		6.0	GHz
SSG	Small Signal Gain	30	33		dB
GOF	Small Signal Gain Flatness		±1.5	±2.5	dB
P ₁ dB	Output Power at 1dB Gain Compression	30	33		dBm
NF	Noise Figure			6	dB
VSWR, In	Input VSWR		1.5 : 1	2 : 1	-----
VSWR, Out	Output VSWR		1.5 : 1	2 : 1	-----
Vdc	DC Supply Positive Voltage(with internal regulator)	10	12	14	Volt
Id	Current Supply		1.8	2.2	A

Housing / Case : HA24

4

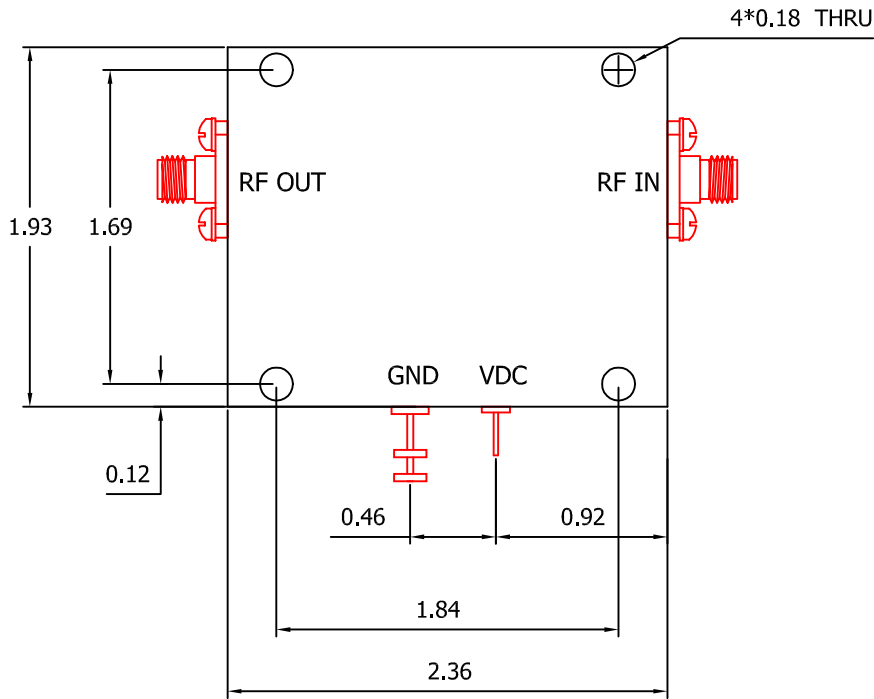
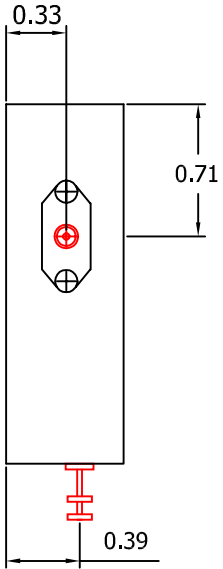
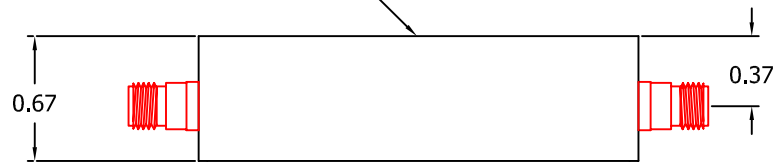
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DWG NO. DOC-900124-1 SH REV 1

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

MOUNTING SURFACE



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DECIMALS .XX ± .01	ANGULAR ±	DRAWN 宋君麟	DATE 09/13/06		
.XXX ± .005	63/	CHECK 張景學	09/13/06	TITLE HOUSING OUTLINE HA24	
FINISH DO NOT SCALE DRAWING		PROJ ENGR		SIZE A3	FSCM NO.
		MFG ENGR		DWG NO. DOC-900124-1	REV 1
		QA ENGR		SCALE	WEIGHT
		RLSE DATE		SHEET 1 OF 1	

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MATERIAL

D

D

C

C

B

B

A

A

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