

## 2 ~ 6 GHz 30dBm Amplifier

### FEATURES

- P<sub>1</sub>dB: 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 <sub>1</sub> 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**

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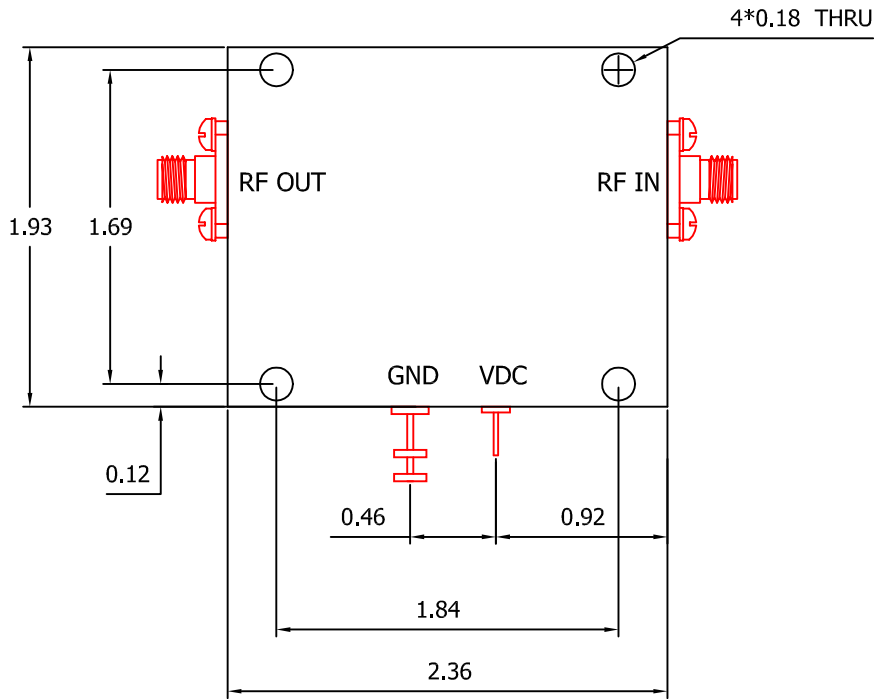
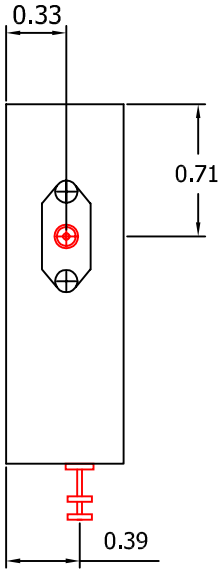
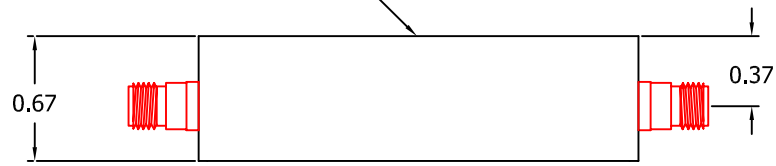
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DWG NO. DOC-900124-1 SH REV 1

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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	DATE 09/13/06	TITLE HOUSING OUTLINE HA24	
FINISH DO NOT SCALE DRAWING	MATERIAL	PROJ ENGR		SIZE A3	FSCM NO.
UNLESS OTHERWISE SPECIFIED BY CONTRACT THESE DRAWINGS AND SPECIFICATIONS AND DATA DISCLOSED HEREIN ARE THE PROPERTY OF TRANSCOM, ARE ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED OR DISCLOSED IN WHOLE OR PART OR USED AS THE BASIS FOR MANUFACTURE OR SALE WITHOUT THE PERMISSION OF TRANSCOM.		MFG ENGR		DWG NO. DOC-900124-1	REV 1
		QA ENGR		SCALE	WEIGHT
		RLSE DATE		SHEET 1 OF 1	

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