

**ABSOLUTE MAXIMUM RATINGS (Ta=25°C)**

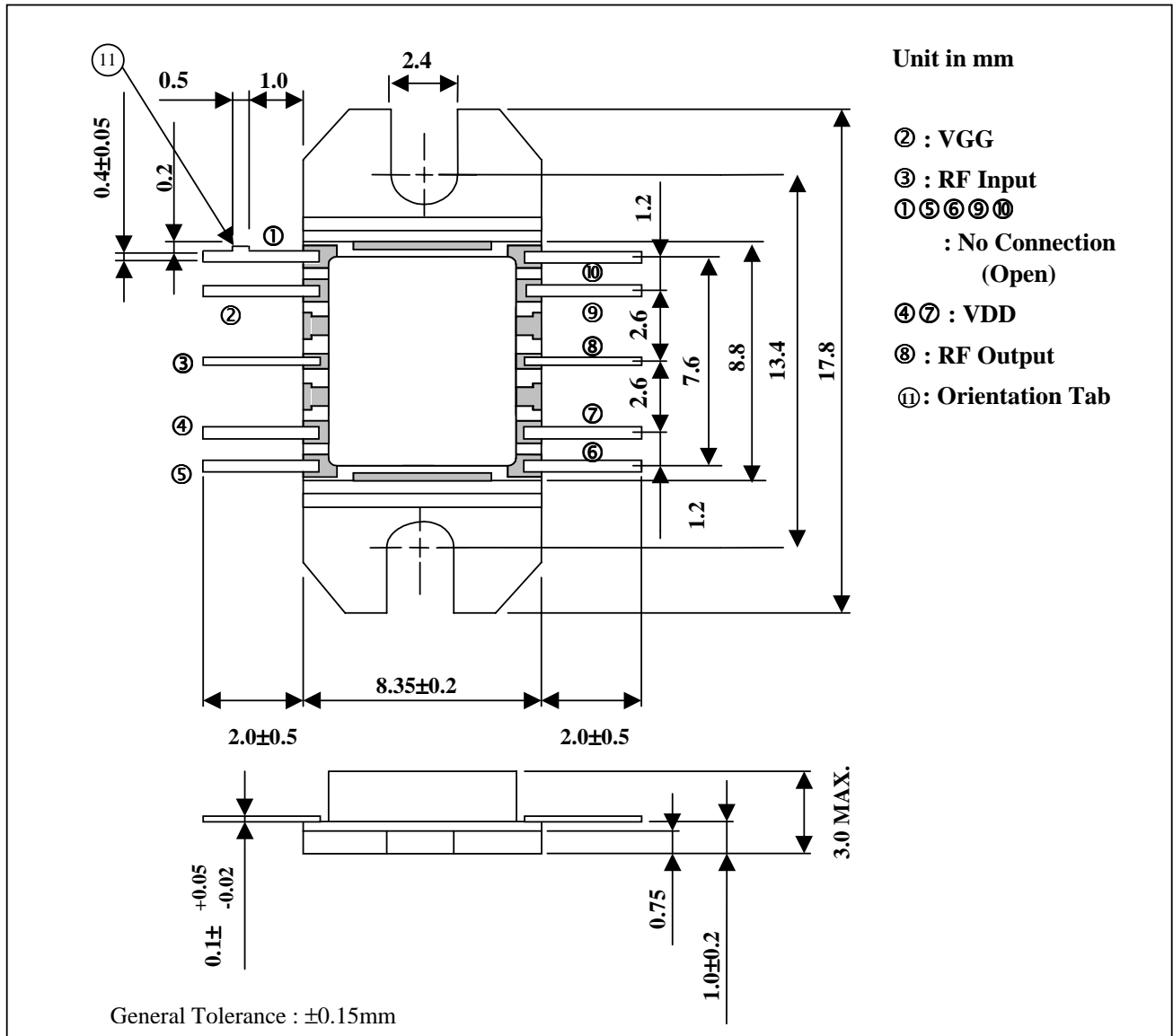
CHARACTERISTICS	SYMBOL	UNIT	RATINGS
DRAIN SUPPLY VOLTAGE	VDD	V	10
GATE SUPPLY VOLTAGE	VGG	V	-10
INPUT POWER	Pin	dBm	20
POWER DISSIPATION	PT	W	14
FLANGE TEMPERATURE	Tf	°C	-60 to +100
STORAGE TEMPERATURE	Tstg	°C	-60 to +175

**RF PERFORMANCE SPECIFICATIONS (Ta=25°C)**

CHARACTERISTICS	SYMBOL	CONDITION	UNIT	MIN.	TYP.	MAX.
Operating Frequency	f		GHz	14.0	–	14.5
Output Power at 1dB Compression point	P1dB	VDD=7V VGG=	dBm	31.2	32.0	–
Power Gain at 1dB Compression point	G1dB	-4.0/ -4.5/ -5.0V	dB	26.0	27.0	–
Drain Current	IDD		A	–	1.00	1.20
3rd Order Intermodulation Distortion	IM3	Po=25.5dBm (SCL)	dBc	-28	-29	–

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Package Outline (7-BA04A)



Recommended Bias Configuration

