/ Descriptions

EUFR : 666K P H F P RV s Ң Ң

63Y Ɑ F P RV Ң

/ Features

- 30V
- χ 500mA ε V_{IN}=V_{OUT}+2V Pulse testing ζ
- Ң 200mV@Iout=100mA
- Ң 2.5μA
- ±50ppm/
- ±2
- PSRR χ 65dB@1kHz
- SOT23-5

/ Applications

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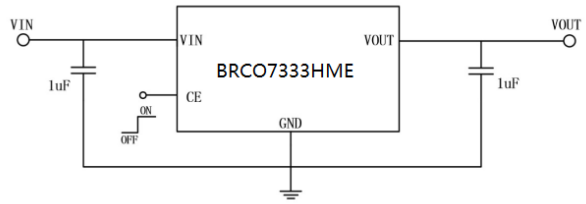

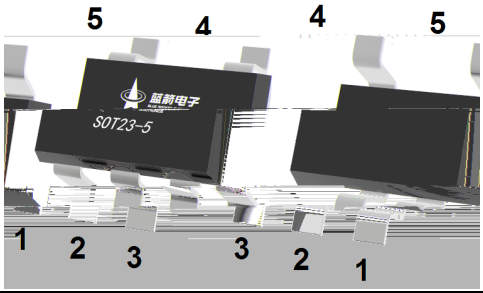

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1	V_{IN}		4	NC	
2	GND		5	V_{OUT}	
3	CE				

/ Absolute Maximum Ratings(Ta=25)

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	V_{IN_MAX}	30	V
	V_{IN}	-0.3~30	V
CE	V_{CE}	V_{IN}-0.3~V_{IN}+0.3	V
(1)	I_{OUT}	0~500	mA
	P_D	0.3	W
	T_{stg}	-40 to +150	°C
	T_{OP}	-40 to +85	

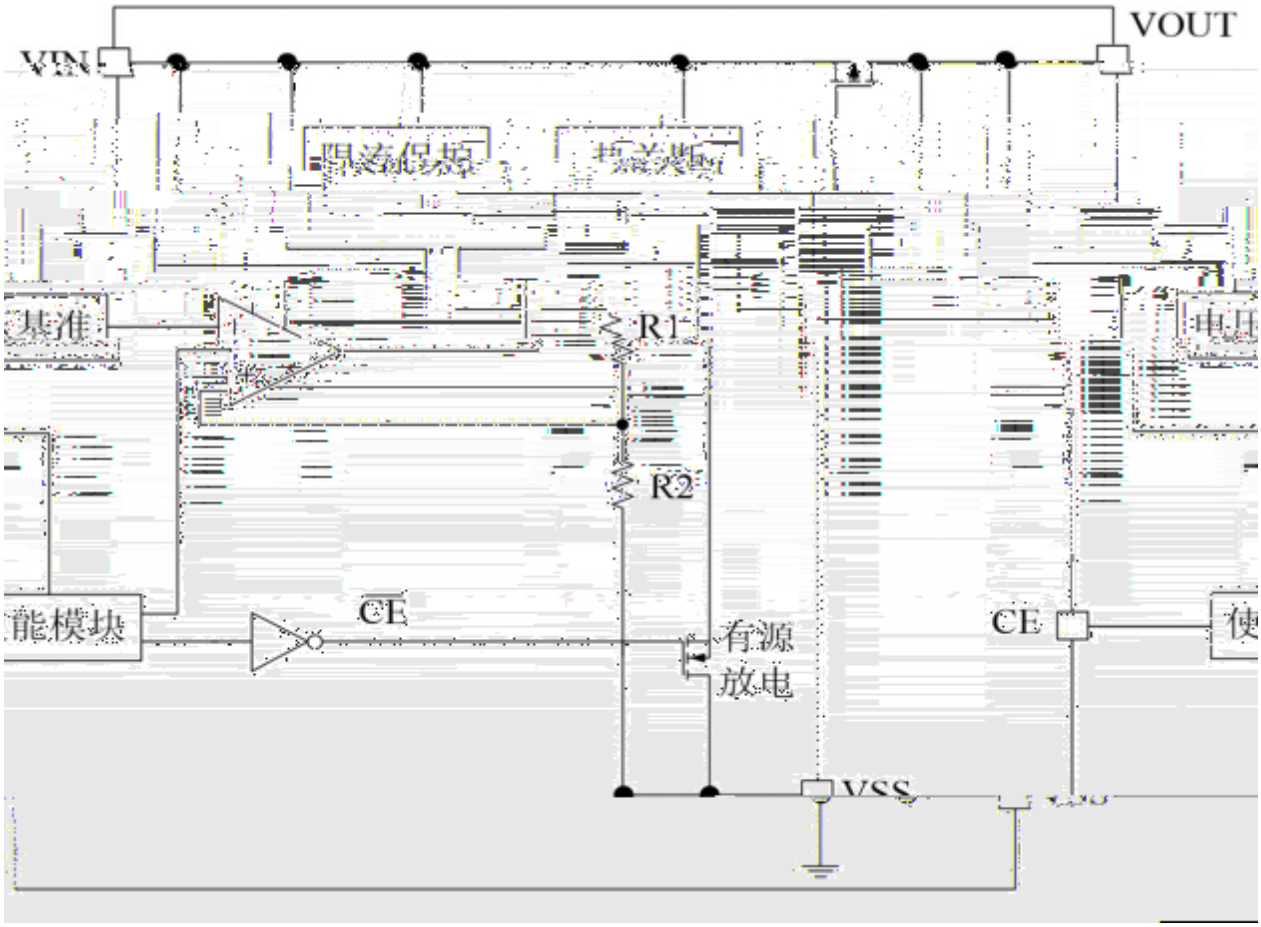
QRWH χ +4, $Y_{LQ}=Y_{RXW}$. 5Y 6v a

Y_{RXW}

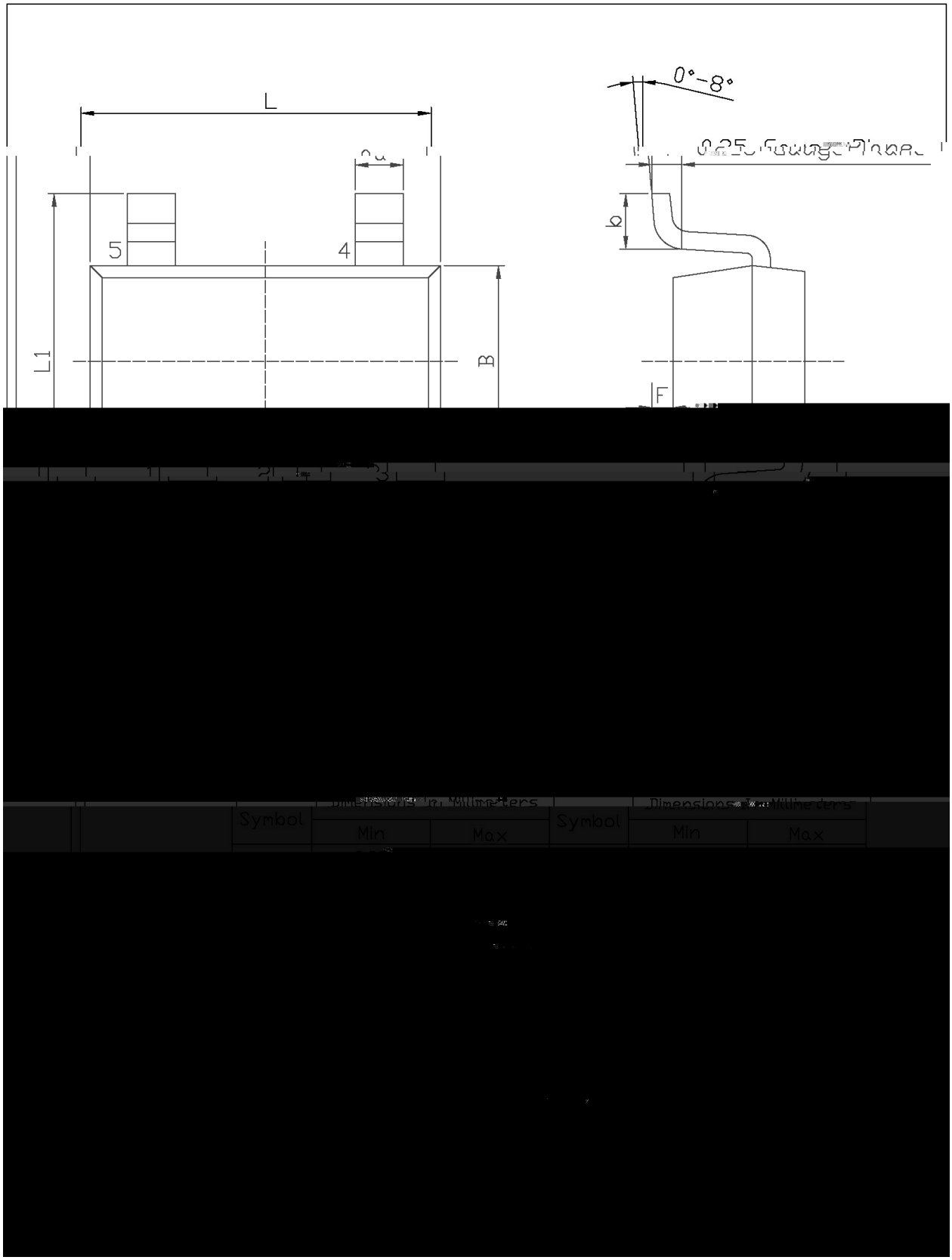
/ Electrical Characteristics(T_A=25 , V_{IN}=V_{OUT}+1V, C_{IN}=C_{OUT}=1uF, unless otherwise specified)

						Ң
	V_{IN}		2.5		24	Y
	V_{OUT}	I_{OUT}=10mA	V_{OUT} *0.98		V_{OUT} *1.02	Y
	I_{SS}	I_{OUT}=0mA	-	2.5	6	xD
	I_{ST}	CE=0V			0.2	xD
	L_{LIM}	-	500			mD
	V_{DROP}	I_{OUT}=100mA	-	200	-	mY
	I_{SHORT}			55		mD
Ң	V_{CE_L}				0.4	Y
	V_{CE_H}		1.5			Y
	R_{DIS}	V_{CE} 0.4V		350		Ω
	V_{LOAD}	V_{IN}=V_{OUT}+1 1mA I_{OUT} 100mA	-	5	20	mY
	V_{LINE}	I_{OUT}=10mA V_{OUT}+1V V_{IN} 20V	-	0.05	-	%2Y
	V_{OUT}/ (T_A*V_{OUT})	I_{OUT}=1mA -40 T_A +85	-	50	-	ssm2
	PSRR	V_{IN}=4.3V, f=100Hz	-	80	-	dE
		V_{OUT}=3.3V, f=1kHz	-	65	-	
		I_{OUT}=10mA, f=10kHz	-	50	-	
	T_{SD}	i	-	140	-	
	T_{SD}	ï	-	20	-	

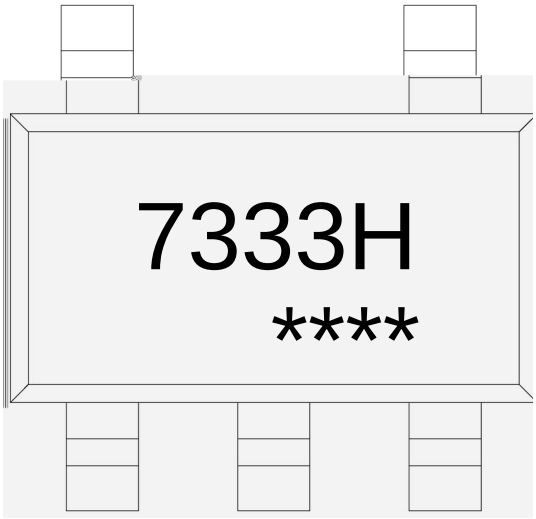
/ Functionl Block Diagram



/ Package Dimensions



/ Marking Instructions



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:666K χ

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( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

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