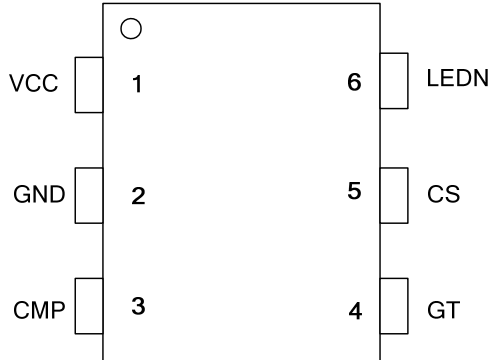




**GENERAL INFORMATION**
**Pin Configuration Pin Configuration**

**Recommended Operating Condition**

Symbol	Parameter	Range
VCC	VCC Supply Voltage	7V to 14V

**Absolute Maximum Ratings**

Parameter	Value
VCC Voltage	-0.3 V to 20V
GT Voltage	-0.3 V to 20V
CS Input Voltage	-0.3 V to 7V
COMP Input Voltage	-0.3 V to 7V
LEDN Input Voltage	-0.3 V to 80V
Min/Max Operating Junction Temperature $T_J$	-40 to 150 °C
Operating Ambient Temperature $T_A$	-40 to 85 °C
Min/Max Storage Temperature $T_{stg}$	-55 to 150 °C
Lead Temperature (Soldering, 10secs)	260 °C

**Ordering Information**

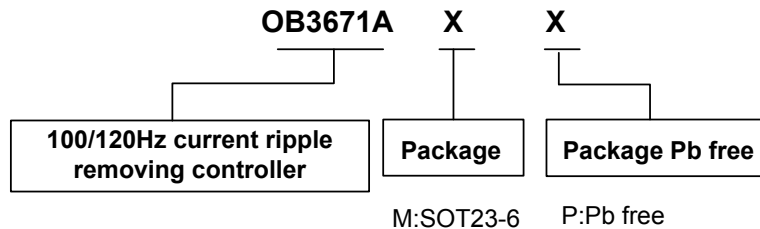
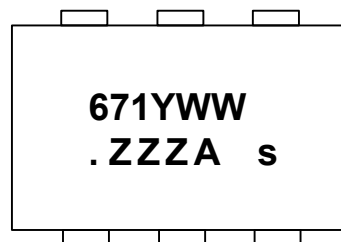
Part Number	Description
OB3671AMP	SOT23-6, Pb-free in T&R

**Note:** All Devices are offered in Pb-free Package if not otherwise noted.

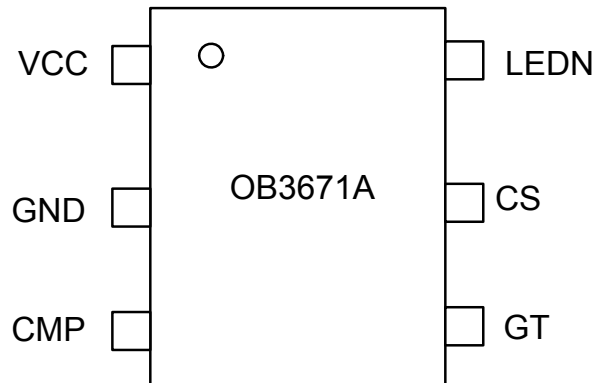
**Package Dissipation Rating**

Package	R $\theta$ JA (°C/W)
SOT23-6	200

**Note:** Stresses beyond those listed under “absolute maximum ratings” may cause permanent damage to the device. These are stress ratings only, functional operation of the device at these or any other conditions beyond those indicated under “recommended operating conditions” is not implied. Exposure to absolute maximum-rated conditions for extended periods may affect device reliability.


**Marking Information**


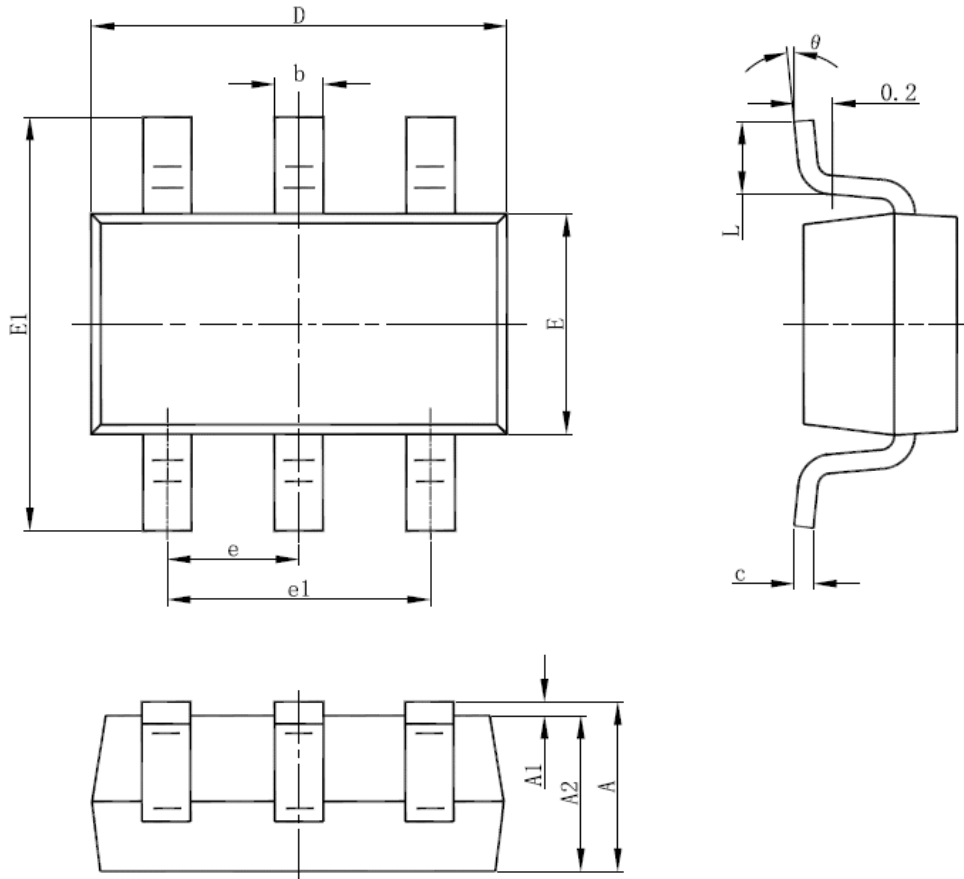
Y:Year Code  
 WW:Week Code(01-52)  
 ZZZ: Lot code  
 A:Character code  
 s: Internal code

**Marking Information**

**TERMINAL ASSIGNMENTS**

Pin Num	Pin Name	I/O	Description
1	VCC	P	Power Supply Input
2	GND	P	Ground
3	CMP	I/O	Loop Compensation Terminal
4	GT	O	MOSFET Gate Terminal
5	CS	I	Current Sensing Terminal
6	LEDN	I	MOSFET Drain Terminal/LED Negative Terminal

**PACKAGE MECHANICAL DATA**

6-Pin Plastic SOT (SOT23-6)

**SOT-23-6L PACKAGE OUTLINE DIMENSIONS**


Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	1.000	1.450	0.039	0.057
A1	0.000	0.150	0.000	0.006
A2	0.900	1.300	0.035	0.051
b	0.300	0.500	0.012	0.020
c	0.080	0.220	0.003	0.009
D	2.800	3.020	0.110	0.119
E	1.500	1.726	0.059	0.068
E1	2.600	3.000	0.102	0.118
e	0.950 (BSC)		0.037 (BSC)	
e1	1.800	2.000	0.071	0.079
L	0.300	0.600	0.012	0.024
θ	0°	8°	0°	8°

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[STP16CPP05PTR](#) [STP16CPP05XTTR](#) [LV5236VZ-TLM-H](#) [BP9911CC](#) [ZXLD1366QEN8TC](#) [MT7725D](#) [TX6143](#) [SY6813PEC](#) [SD1002L4](#)  
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