

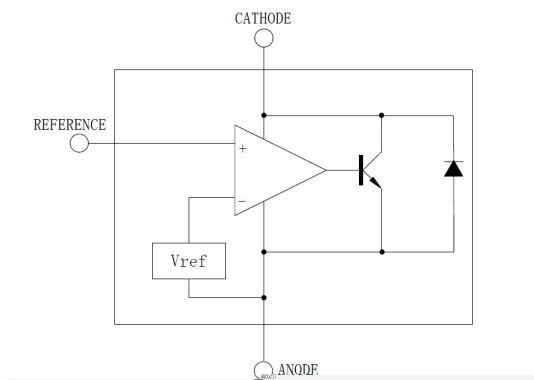
SOT-23

Precision adjustable shunt regulator in a SOT-23 Plastic Package.

1.250V 0.5% 1% 100uA 100mA
 $V_O = V_{ref}$ 20V (:55μA) (:0.05Ω)

Precise reference voltage to 1.250V, guaranteed 0.5%, 1%, reference voltage Tolerance, sink current capability, 100uA 100mA, quick turn-on, adjustable output voltage, $V_O = V_{ref}$ 20V, low operational cathode current, 55 A typical, 0.05 typical output impedance.

Linear regulators, adjustable power supply, switching power supply.



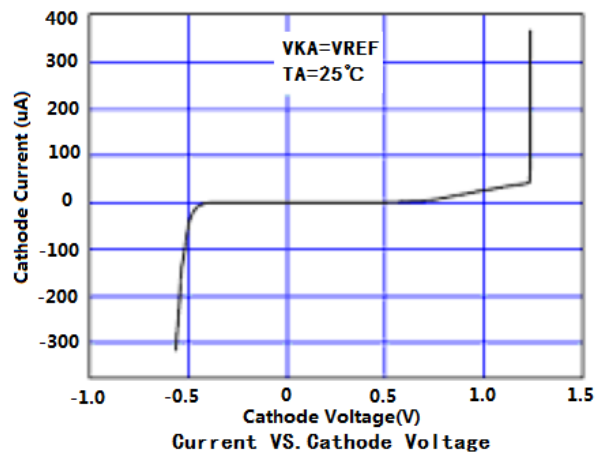
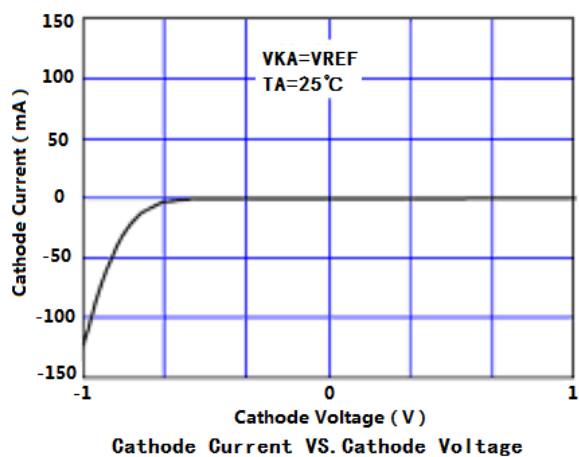
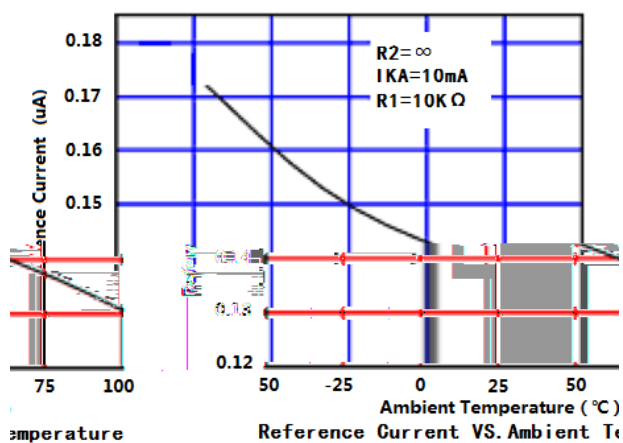
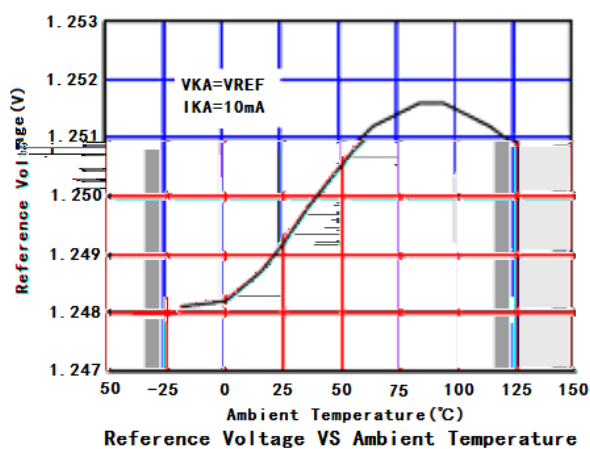
PIN1 R PIN 2 K PIN 3 A

BR432M

Rev.A Jun.-2018

DATA SHEET

/ Electrical Characteristic Curve

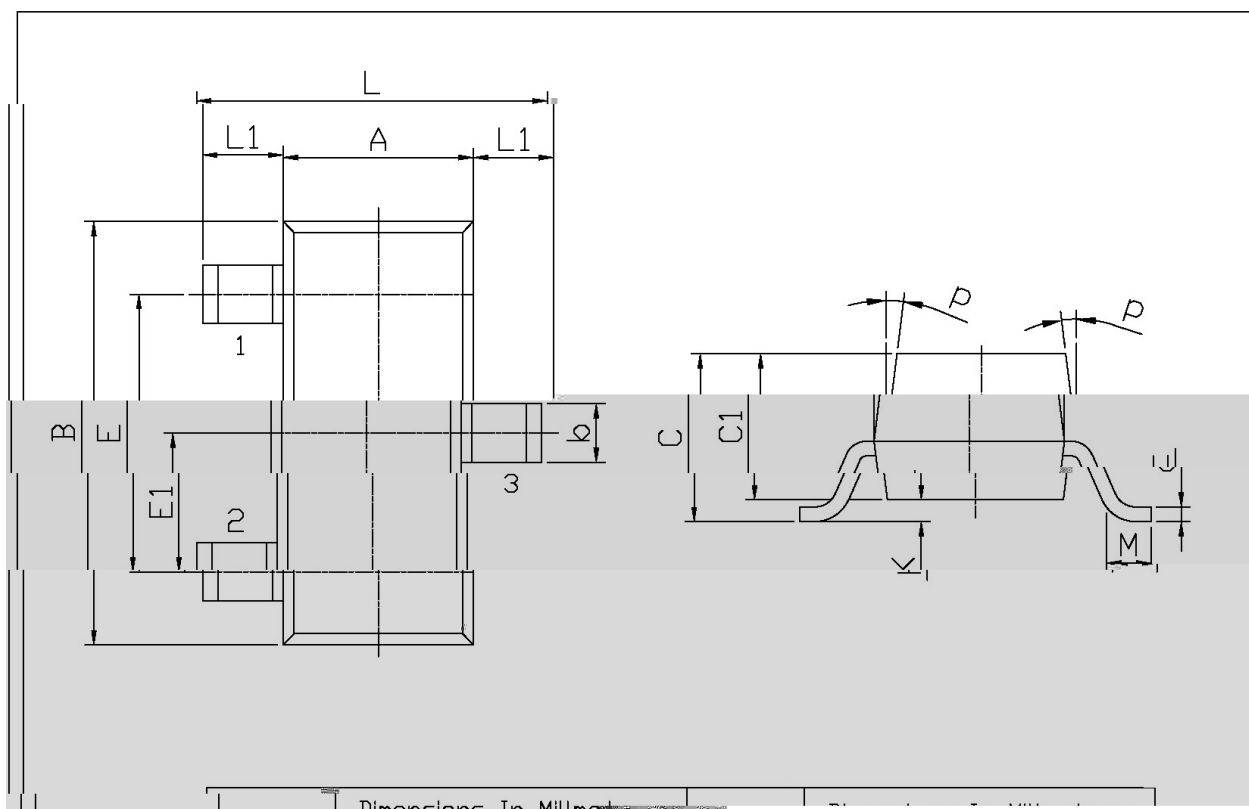


&

/ Package Dimensions

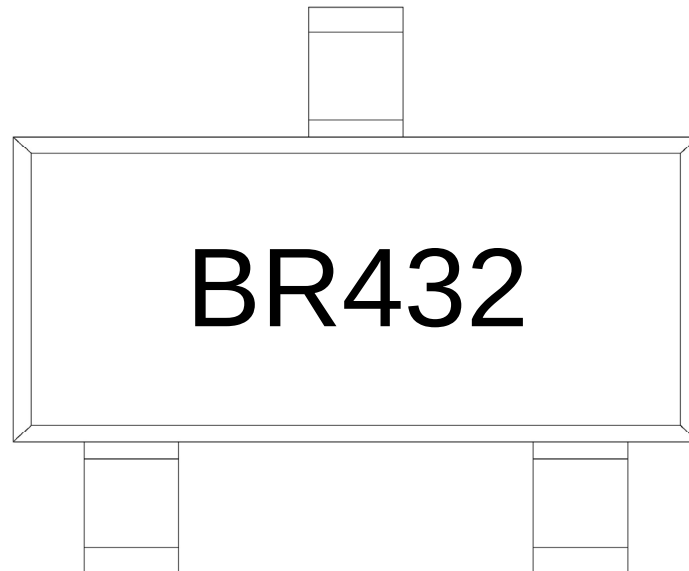
SOT-23

单位: mm



A	1.15	1.50	C	0.05	0.20
B	2.70	3.10	K	0	0.10
E	1.70	2.10	M	0.20 MIN	
E1	0.85	1.05	p	7°	
b	0.35	0.55			

/ **Marking Instructions**



BR

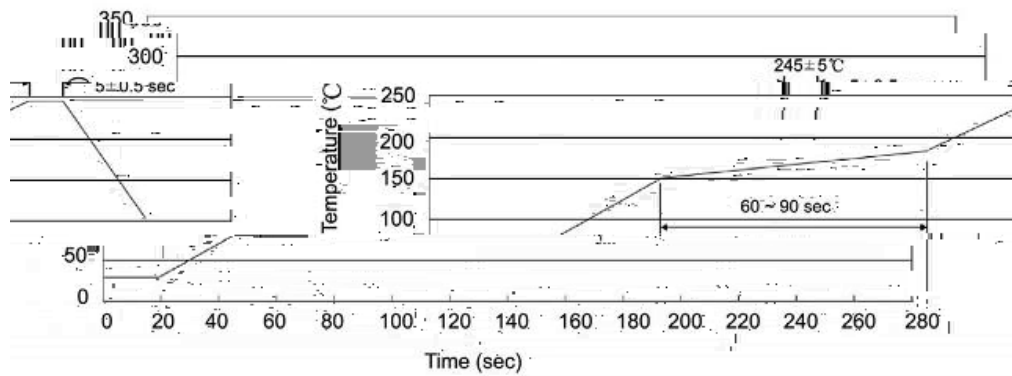
432

Note:

BR: Company Code.

432: Product Type.

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



Note:

- 1

150 180

60 90sec;

1.Preheating:150~180 , Time:60~90sec.
- 2

245±5

5±0.5sec;

2.Peak Temp.:245±5 , Duration:5±0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOT-23	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices