

BRC07550MMCQ

Rev.A Dec.-2023



蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

VRW5606 低 dropout 线性稳压器

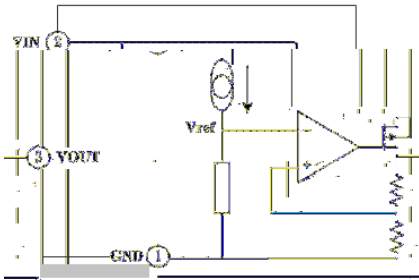
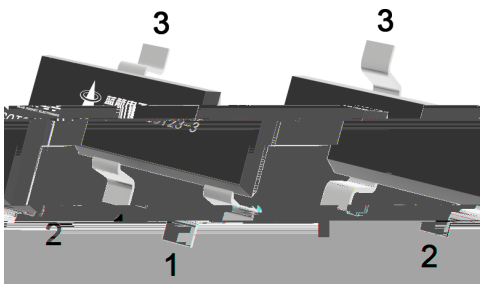
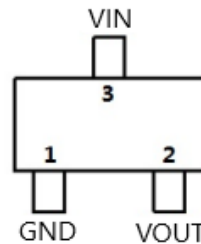
Low dropout linear regulator in a SOT23-3 Plastic Package.

具有低 dropout 电压, 低静态电流, 高输入电压, 高精度输出电压, 低温度漂移系数, 高可靠性, 符合 AEC-Q100 标准, 适用于汽车电子, 工业控制, 通信设备, 音频和视频设备, 低功耗, 低电压 dropout, 小温度漂移系数, 高输入电压 up to 24V, The static current 1.5PA, The output voltage accuracy: $\pm 0.5\%$ (典型值), Qualified to AEC-Q100 Standards for High Reliability, HF Product.

Low power consumption, Low voltage drop, Small temperature drift coefficient, High input voltage up to 24V, The static current 1.5PA, The output voltage accuracy: $\pm 0.5\%$ (典型值), Qualified to AEC-Q100 Standards for High Reliability, HF Product.

适用于电源设备, 通信设备, 音频和视频设备, 满足汽车应用的严格要求。

For use in power equipment, Communication equipment, Audio and video equipment, Meet the stringent requirements of automotive applications.

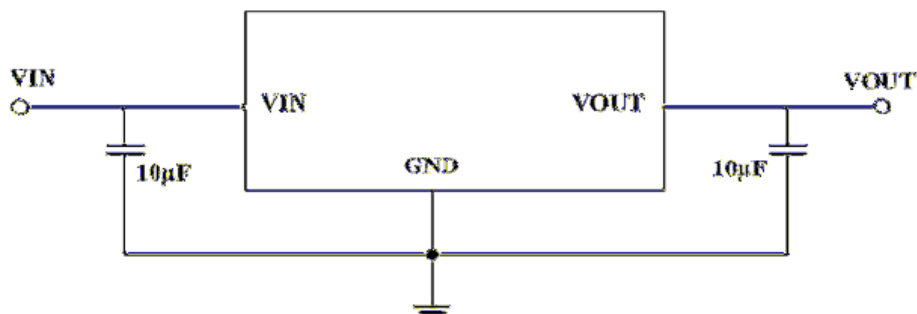


引脚	名称	描述	引脚	名称	描述
1	GND	接地	3	VIN	输入电压

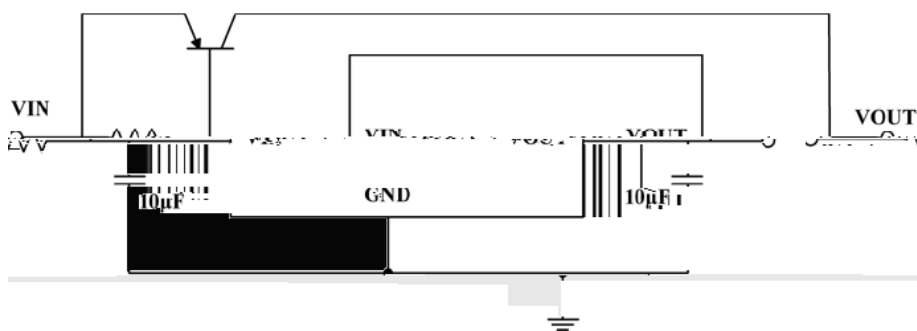


/ Typical Application Circuit

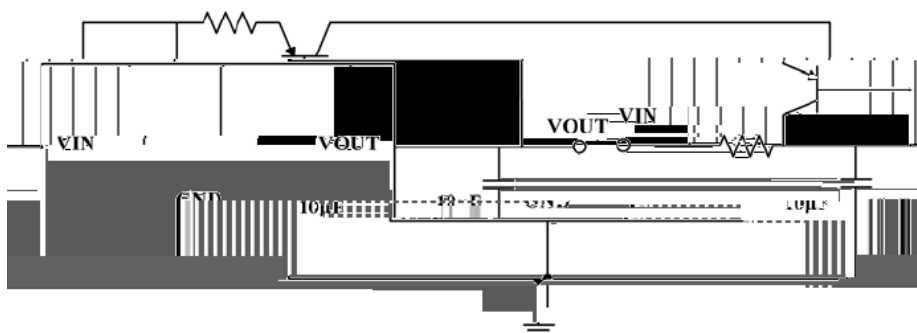
9 Z ħ / Basic Application



ج, ز د ل د ر ا ذ ` ه / High Output Current Voltage Regulator



~ د 3 ħ Z ħ / Short-Circuit Protection



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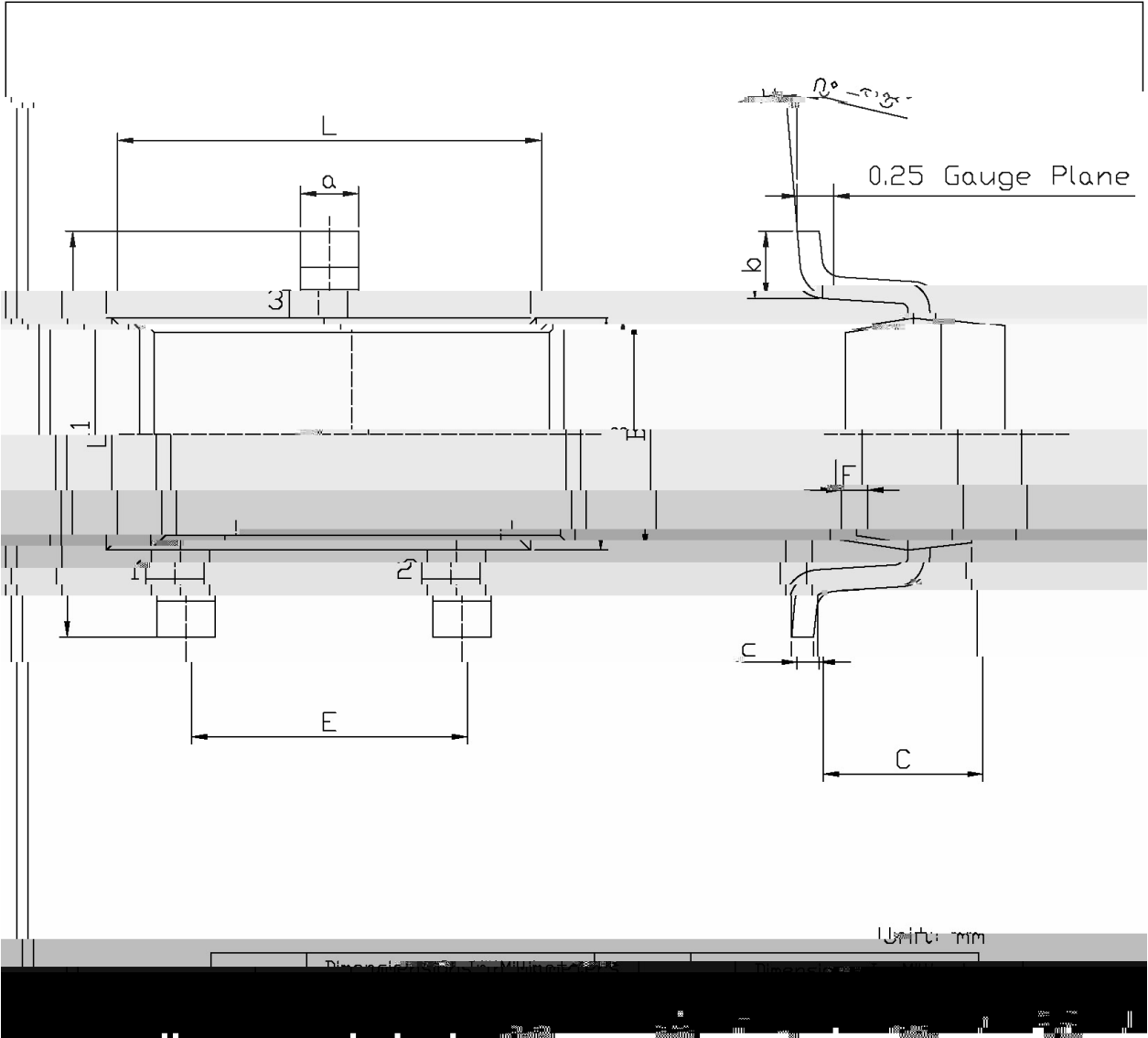
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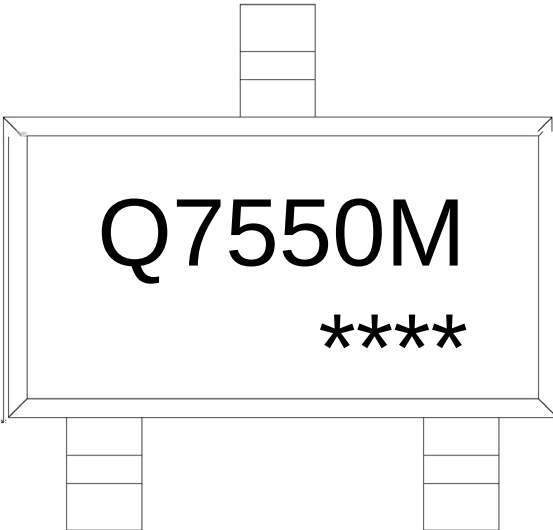
DATA SHEET

⌀ / Package Dimensions



2023-12-15

,Myf / Marking Instructions



- Q7550M

- Q: Automobile halogen-free product Code

7550M: Product Type Code

****: Lot No. Code, code change with Lot No

5VDtZ. (x/) / BRC07550MMCQ

б " χ

Note:

1 150 K 200 t i`H j 60 K 120sec;

1.Preheating:150~200 t , Time:60~120sec.

2 Š Œ □ Ÿ 255 ° 5 t i`H j`Y 1 5 ° 0.5sec;

2.Peak Temp.:255 ° 5 t , Duration:5 ° 0.5sec.

3 i` 1, 2 2 K 10 t /sec.

3.Cooling Speed: 2~10 t /sec.

Â/Cp̄ / Resistance to Soldering Heat Test Conditions

□ Ÿ χ 260 ° 5 t

`H j χ 10 ° 1 sec.

Temp.:260±5

Time:10±1 sec

GPá / Packaging SPEC.

o` γ t / REEL