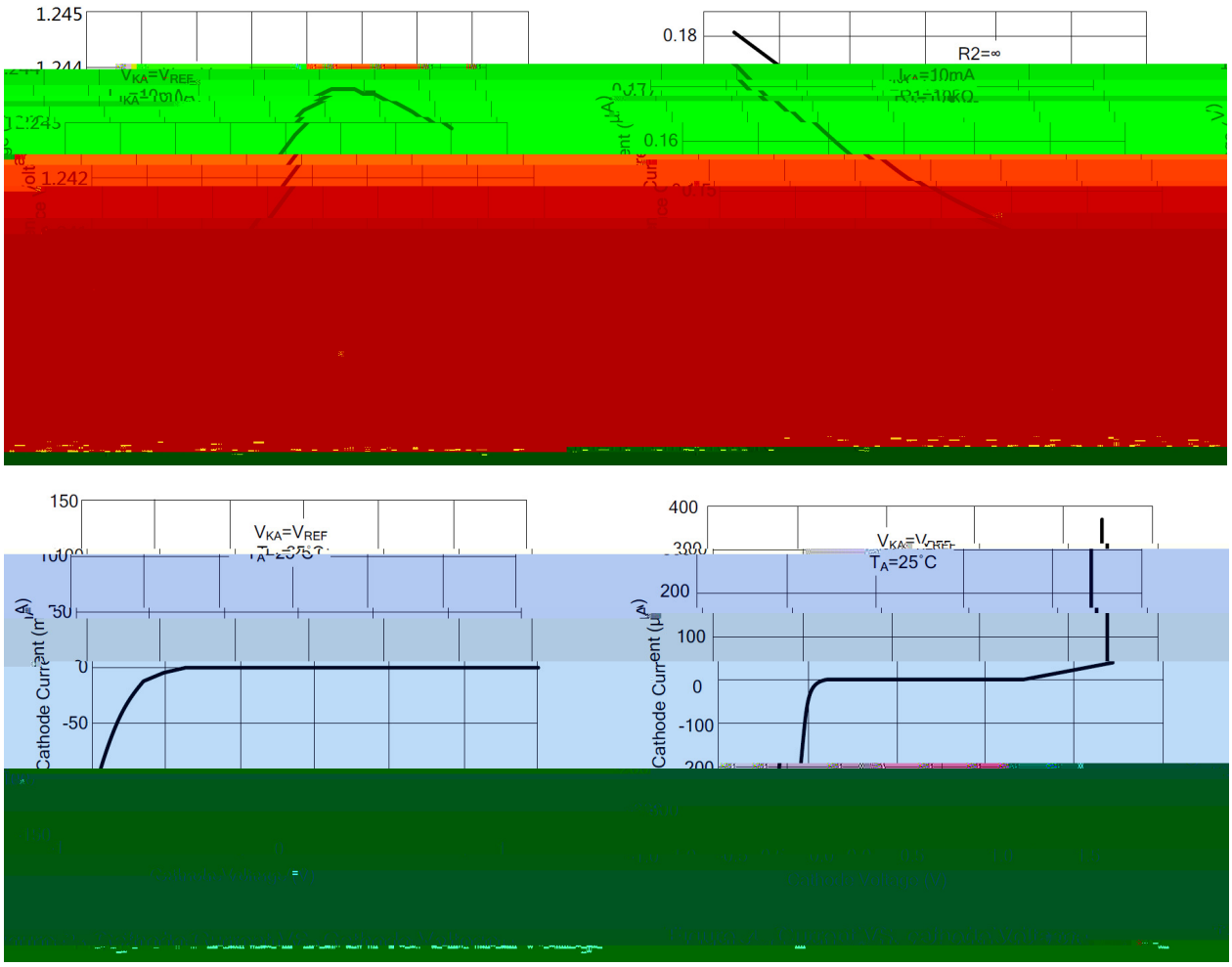
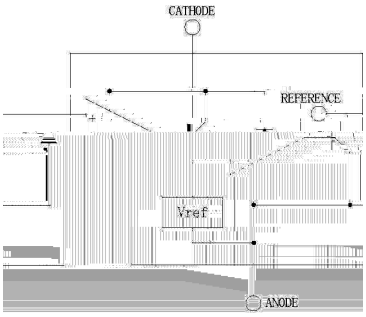
Parameter	Symbol	Rating	Unit
Cathode voltage	V_{KA}	20	V
Continuous cathode current range	I_K	-100 +100	mA
Reference current range	I_{REF}	10	mA
Power Dissipation	P_D	370	mW

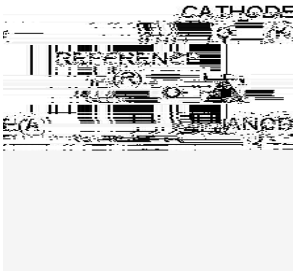
/ Electrical Characteristic Curve



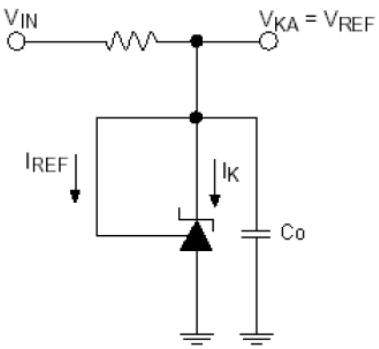
& Test circuits&Typical Application

BLOCK DIAGRAM:

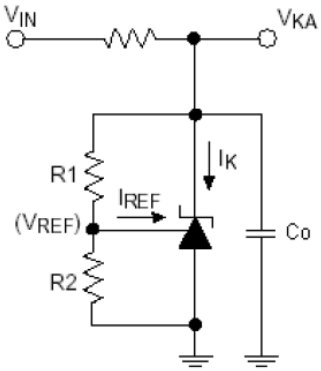




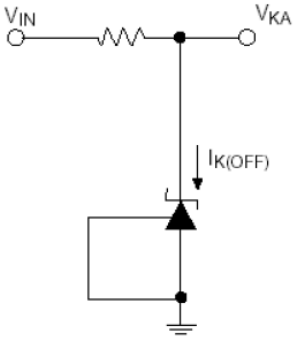
TEST CIRCUITS:



Test Circuit For VKA=VREF
Co=0.1μF



Test Circuit for VKA≥VREF
Co=0.1μF

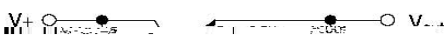


Test Circuit For $I_{KA(OFF)}$

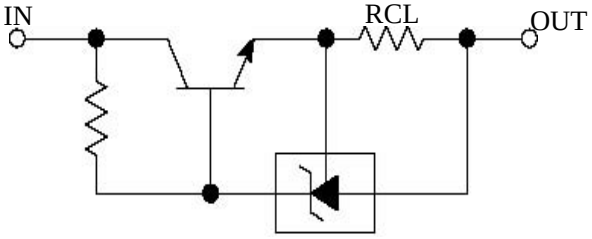
TYPICAL APPLICATIONS:

Shutdown Regulator

Higher-current Shunt



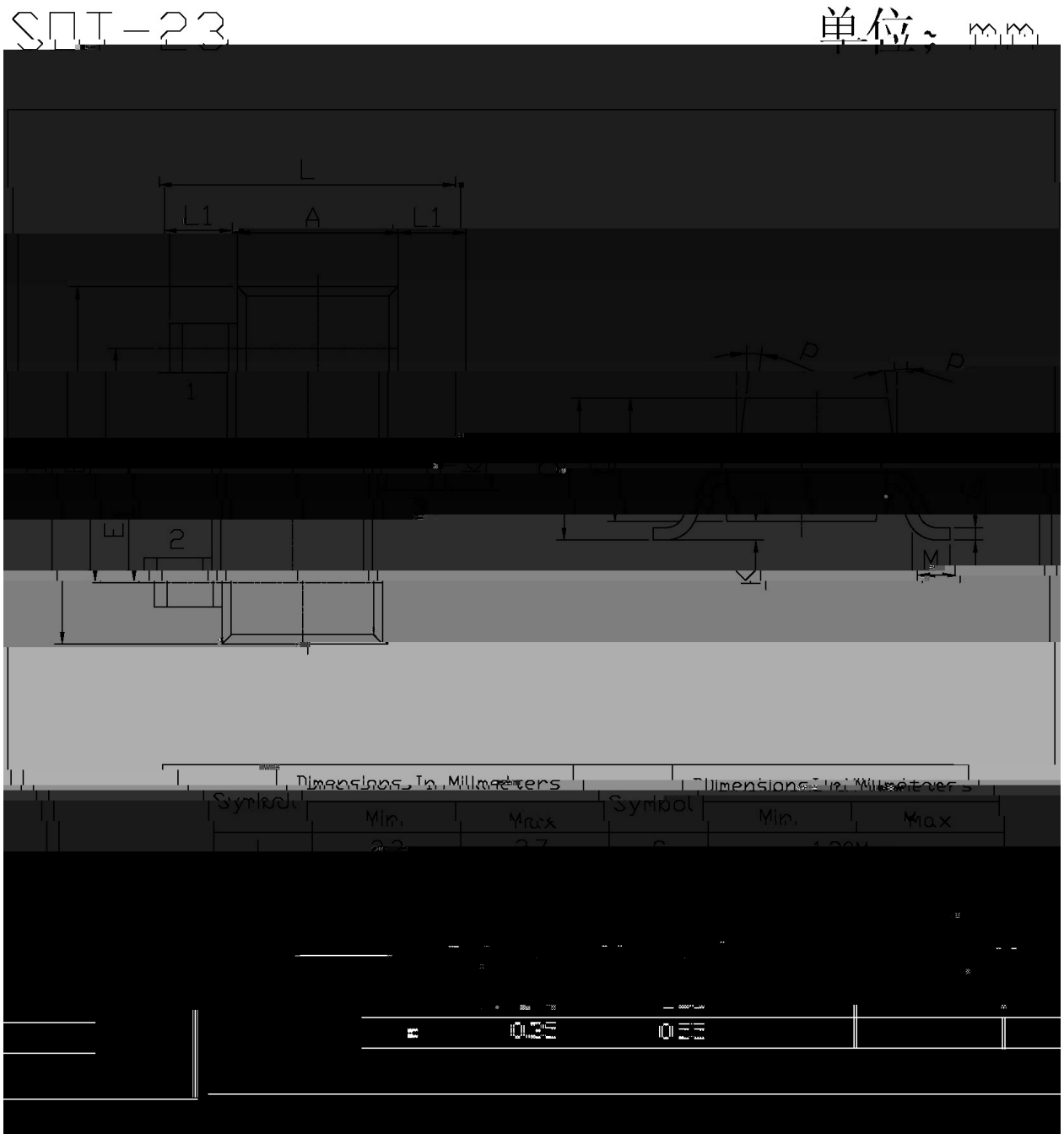
Io=V_{REF}/RCL+I_{KA}



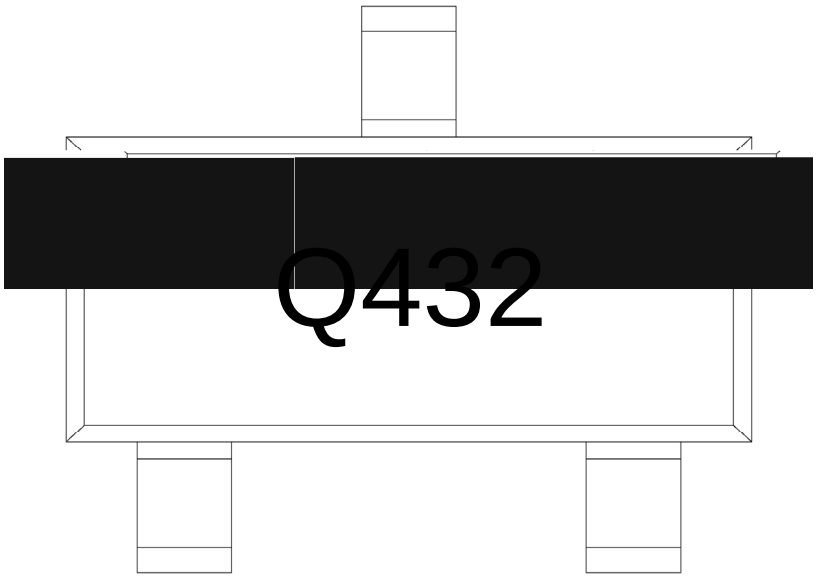
Constant Current Source

Series Pass Regulator

/ Package Dimensions



/ Marking Instructions



Q

Note:

Q: Automobile halogen-free product Code

432: Product Type

( ) /

Note:

1	150 200 60 120sec;	1.Preheating:150~200 , Time:60~120sec.
2	255 5 5 0.5sec;	2.Peak Temp.:255 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	Units					Dimension		(unit mm³)
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
SOT-23	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205

/ Notices