

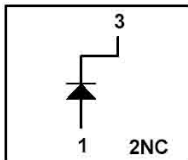
SOT-23

Silicon Diode in a SOT-23 Plastic Package.

AEC-Q101

Small signal diode, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

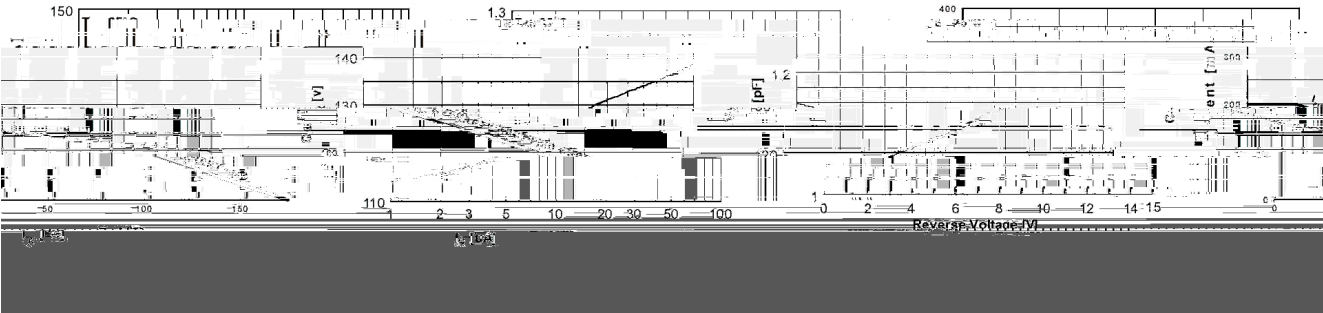
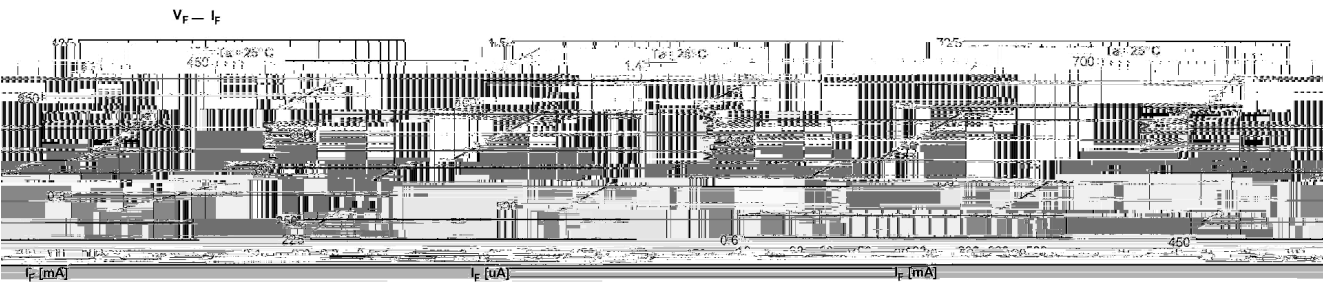
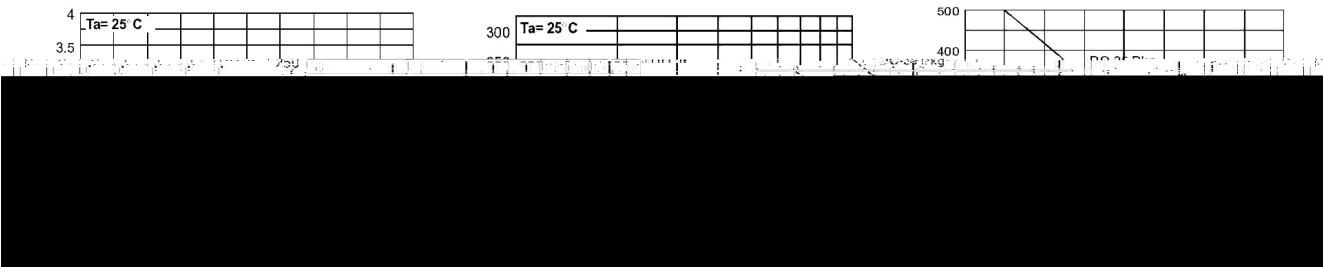
High Conductance Ultra Fast Diode, Meet the stringent requirements of automotive applications.



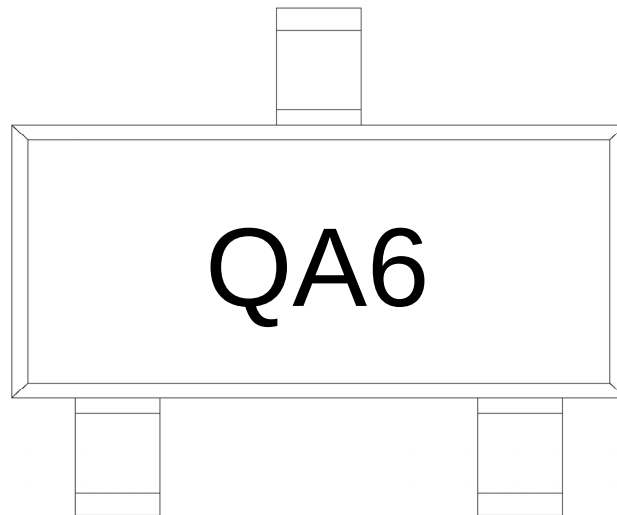
PIN: See Equivalent Circuit.

|         |     |
|---------|-----|
| Marking | QA6 |
|---------|-----|









Q

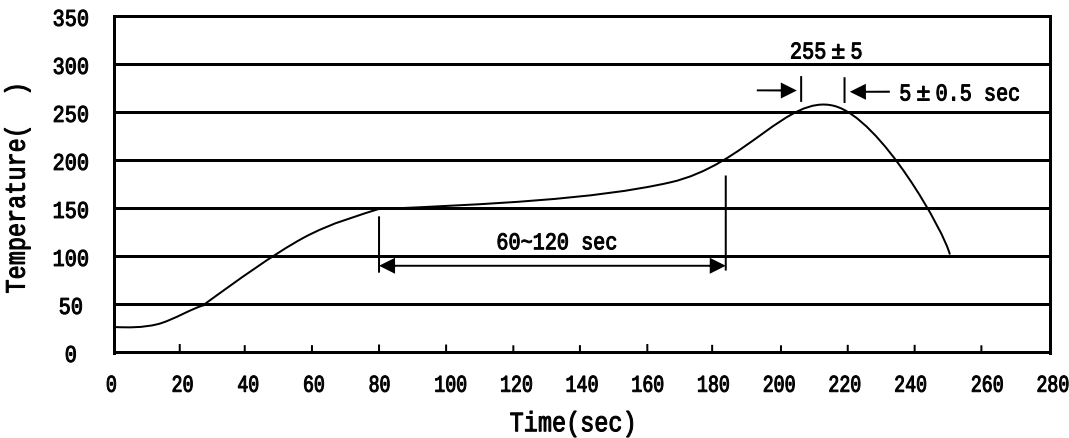
A6

Note:

Q: Automobile halogen-free product Code

A6: Product Type

Temperature Profile for IR Reflow Soldering(Pb-Free)



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.

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

| Package Type | Units |  |  |  |  | Dimension |  | (unit mm <sup>3</sup> ) |
|--------------|-------|--|--|--|--|-----------|--|-------------------------|
|              |       |  |  |  |  |           |  |                         |
|              |       |  |  |  |  | ρ         |  |                         |