

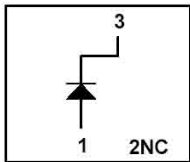
SOT-23

Silicon Diode in a SOT-23 Plastic Package.

AEC-Q101

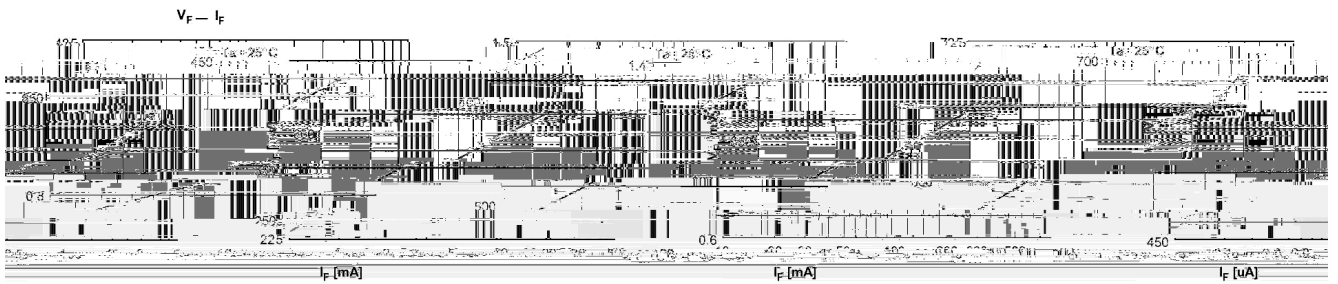
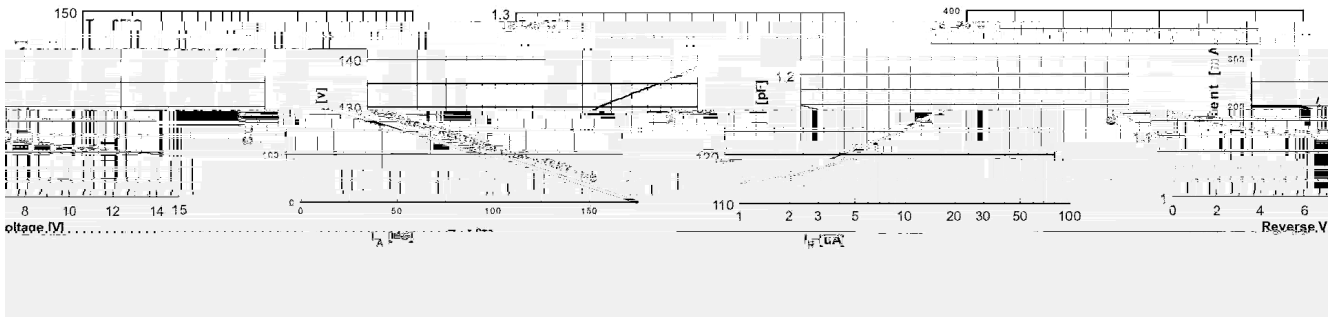
Small signal diode, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

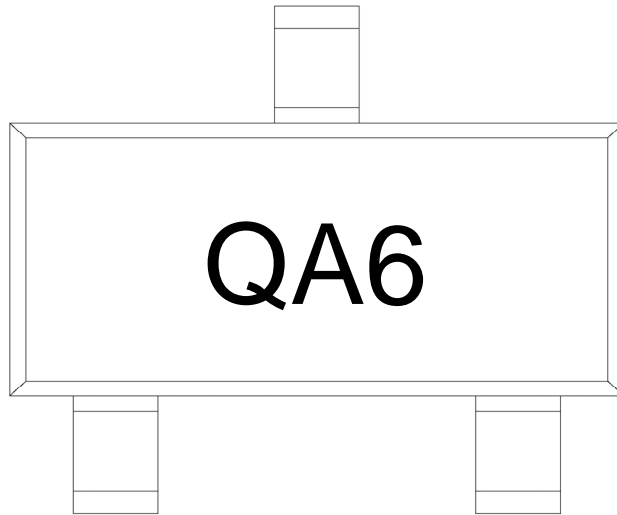
High Conductance Ultra Fast Diode, Meet the stringent requirements of automotive applications.



PIN: See Equivalent Circuit.

Marking	QA6
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Q

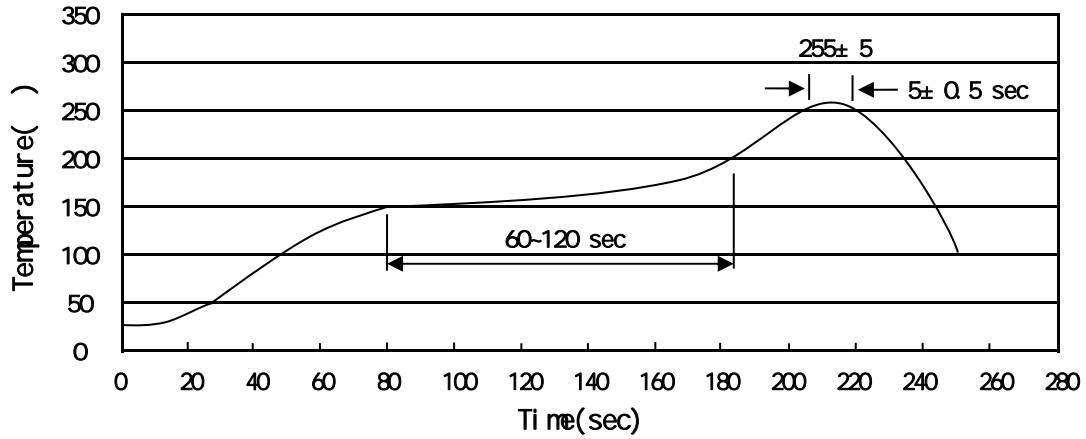
A6

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 ³)		