

		G		
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### / Descriptions

SOT- 3                  PNP                                  Silicon PNP transistor in a SOT-23 Plastic Package.

### / Features

AEC-Q101

Low current, Low voltage, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

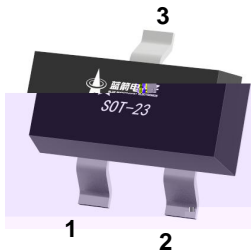
### / Applications

General power amplifier application, Meet the stringent requirements of automotive applications.

### / Equivalent Circuit



### / Pinning



PIN1 Base                  PIN 2 Emitter                  PIN 3 Collector

### / $h_{FE}$ Classifications & Marking

$h_{FE}$ Classifications Symbol	A	B	C
$h_{FE}$ Range	125~250	220~475	420~800
Marking	Q3E	Q3F	Q3G

Parameter	Symbol	Rating	Unit
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**/ Marking Instructions**



Q

3E

Note:

Q: Automobile halogen-free product Code

3E: Product Type Code

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


Note:

- |   |       |     |           |         |  |
|---|-------|-----|-----------|---------|--|
| 1 | 150   | 200 | 60        | 120sec; | 1.Preheating:150~200°C, Time:60~120sec.  |
| 2 | 255±5 |     | 5±0.5sec; |         | 2.Peak Temp.:255±5°C, Duration:5±0.5sec. |
| 3 |       | 2   | 10°C/sec. |         | 3. Cooling Speed: 2~10°C/sec.            |

/ Resistance to Soldering Heat Test Conditions

260±5°C	10±1 sec.	Temp.:260±5°C	Time:10±1 sec
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/ Packaging SPEC.

/ REEL

Package Type