



/ Revised record

[illegible]

**/ Descriptions**

50V~1000V

2.0A

DO-15

Surface Mount General Purpose Silicon Rectifiers, Reverse Voltage: 50 to1000V, Forward Current: 2.0A, DO-15 axial package.

**/ Features**

Plated axial lead, Low forward voltage drop, Low leakage current, High forward surge capability.

**/ Applications**

General purpose.

**/ Equivalent Circuit****/ Pinning**

PIN1: Cathode    PIN2:Anode

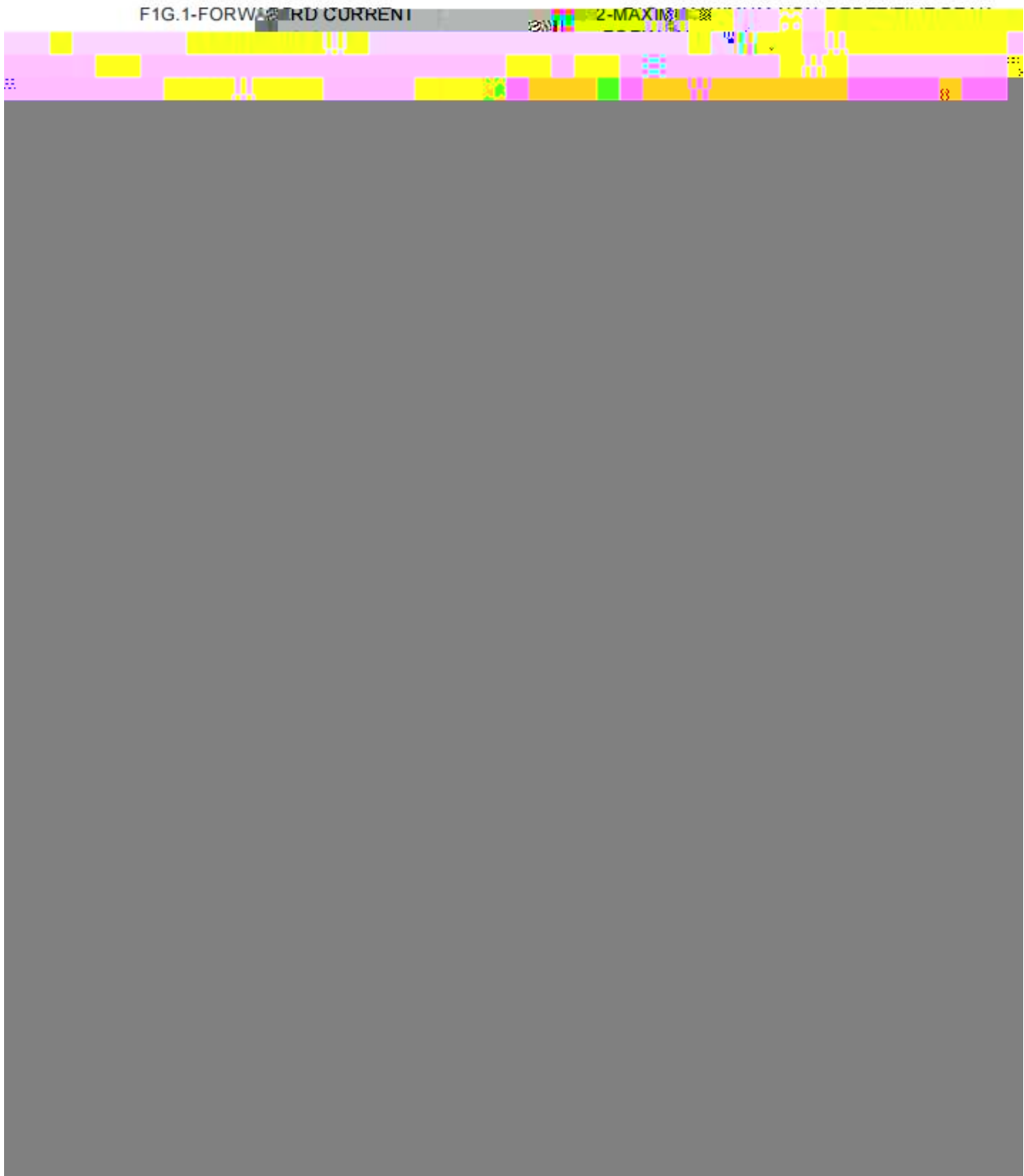
**/ Marking**

See Marking Instructions.

**RL201G~RL207G**

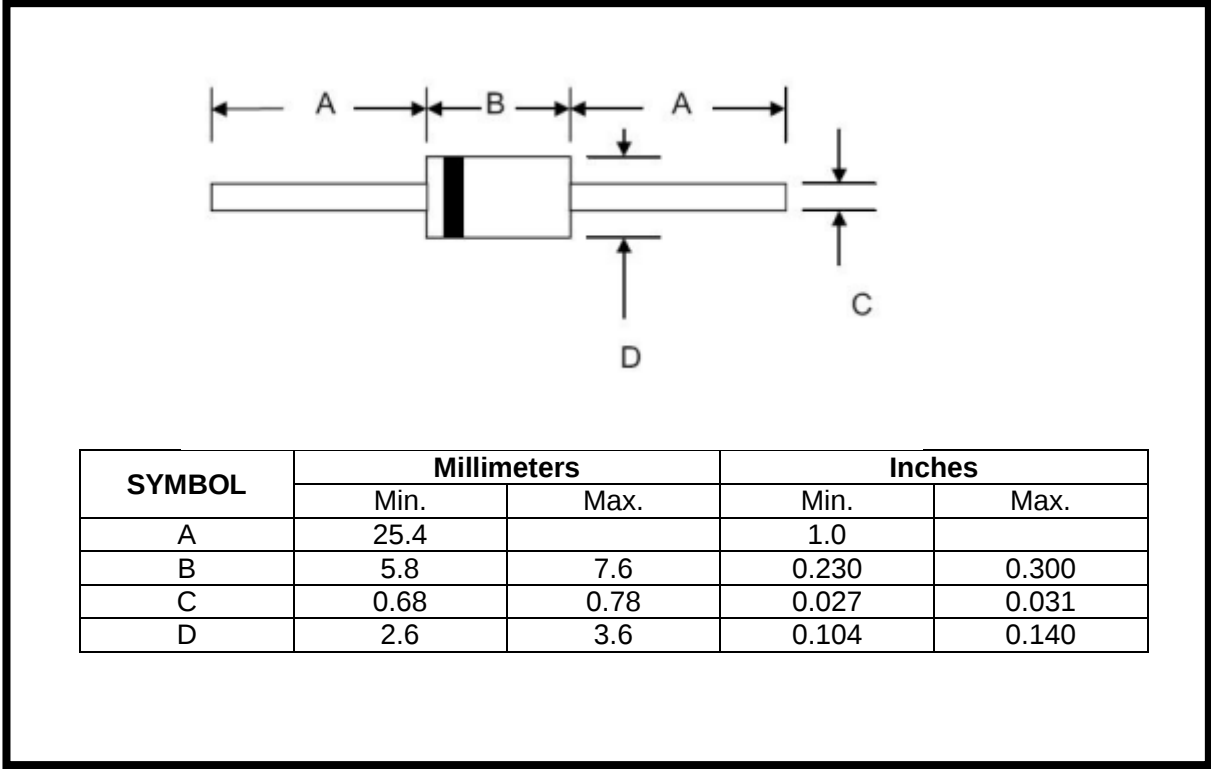


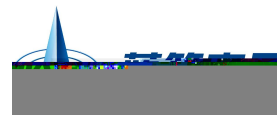
**/ Electrical Characteristic Curve**



/ Package Dimensions

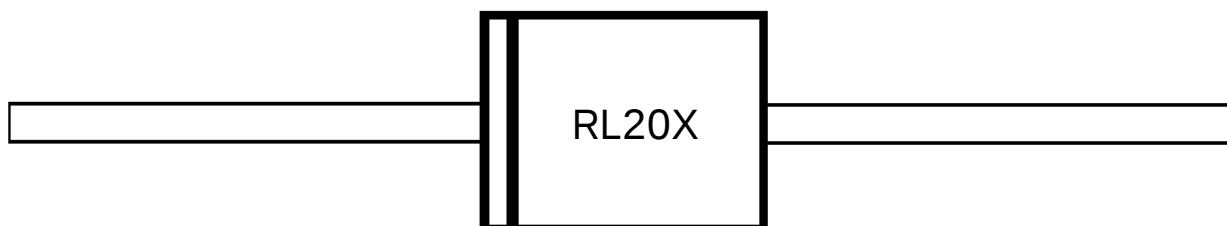
DO-15





/ Marking Instructions

1



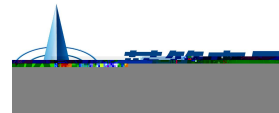
RL20X

Note:

RL20X      Product Type Code

## Marking

| Type number | Marking code |
|-------------|--------------|
| RL201G      | RL201        |
| RL202G      | RL202        |
| RL203G      | RL203        |
| RL204G      | RL204        |
| RL205G      | RL205        |
| RL206G      | RL206        |
| RL207G      | RL207        |



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

|  |
|--|
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|  |
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|  |

Note:

- |   |         |           |                                          |
|---|---------|-----------|------------------------------------------|
| 1 | 150 180 | 60 90sec; | 1.Preheating:150~180°C, Time:60~90sec.   |
| 2 | 245±5   | 5±0.5sec; | 2.Peak Temp.:245±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 |
|---------|-----------|---------------|---------------|

## / Packaging SPEC.

/ REEL

| Package Type | Units " # \$ | Dimension " % & (unit ' mm <sup>3</sup> ) |
|--------------|--------------|-------------------------------------------|
| !            | Units/Reel   |                                           |