

# GL34A THRU GL34M

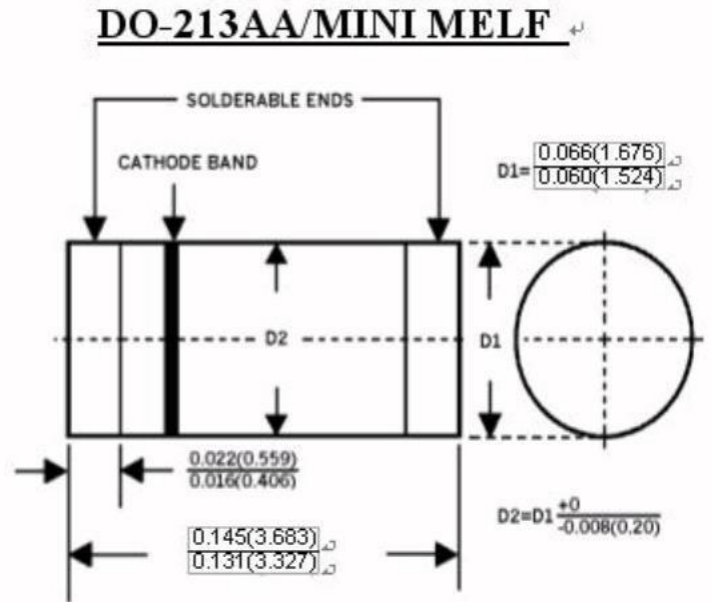
## SURFACE MOUNT GLASS PASSIVATED RECTIFIERS

### FEATURES

- . Ideal for surface mounted applications
- . Easy pick and place
- . Low leakage current
- . Glass passivated chips
- . Metallurgically bonded construction
- . High temperature soldering guaranteed:  
250°C/10 seconds/.375", (9.5mm) lead lengths

### MECHANICAL DATA

- Case: Molded plastic use UL94V-0 recognized flame retardant epoxy
- Terminals: Plated terminals, solderable per MIL-STD-202, method 208
- Polarity: Silver color band on body denotes Cathode
- Mounting position: Any
- Weight: 0.036 gram

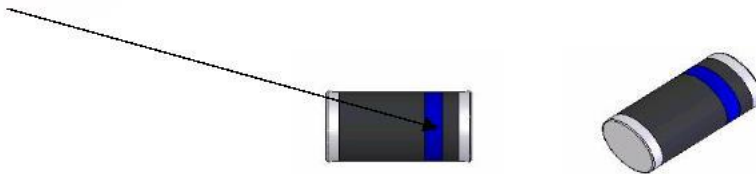


CHIP

Dimension in inches (millimeters)

## DEVICE MARKING

陰極線(silver)



二極管通用符號:



# GL34A THRU GL34M



## MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25°C Ambient temp. Unless otherwise specified.

Single phase, half sine wave, 60HZ, resistive or inductive load.

For capacitive load, derate current by 20%

|   | SYMBOL | GL<br>34A   | GL<br>34B | GL<br>34D | GL<br>34G | GL<br>34J | GL<br>34K | GL<br>34M | UNITS |
|---|--------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| Maximum Current Peak Reverse Voltage  | VRRM   | 50          | 100       | 200       | 400       | 600       | 800       | 1000      | Volts |
| Maximum RMS Voltage   | VRMS   | 35          | 70        | 140       | 280       | 420       | 560       | 700       | Volts |
| Maximum DC Blocking Voltage   | VDC    | 50          | 100       | 200       | 400       | 600       | 800       | 1000      | Volts |
| Maximum Average Forward Rectified current   | I(AV)  | 0.5         |           |           |           |           |           |           | Amps  |
| Peak Forward Surge current, 8.3 ms<br>Single<br>Half Sine-wave Superimposed on Rated<br>Load (JEDEC Method) | IFSM   | 30.0        |           |           |           |           |           |           | Amps  |
| Maximum Instantaneous Forward<br>Voltage @0.5A  | VF     | 1.1         |           |           |           |           |           |           | Volts |
| Maximum DC Reverse Current @<br>T =25°C<br>at Rated DC Blocking Voltage @<br>T =125°C                       | IR     | 9.0         |           |           |           |           |           |           | µA    |
| Typical Junction Capacitance (Note 1)   | CJ     | 15.0        |           |           |           |           |           |           | Pf    |
| Typical Thermal Resistance (Note 2)   | RθJC   | 50.0        |           |           |           |           |           |           | °C/W  |
| Operating and Storage Temperature   | TSTG   | -65 to +150 |           |           |           |           |           |           | °C    |

Notes: 1. Measured at 1 MHz and Applied Reverse Voltage of 4.0 Volts D.C.

2. Thermal Resistance from Junction to Ambient

## RATING AND CHARACTERISTIC CURVES GL34A THRU GL34M

FIG. 1 – DERATING CURVE FOR OUTPUT RECTIFIER CURRENT

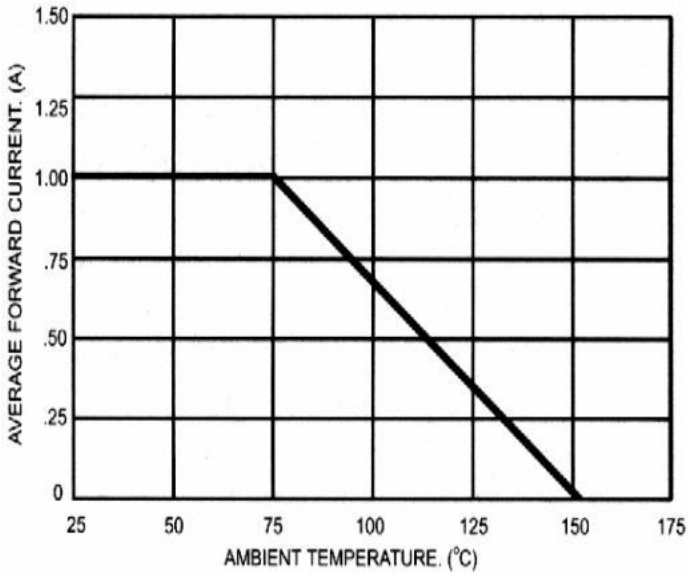


FIG. 2 – MAXIMUM NON - REPETITIVE PEAK FORWARD SURGE CURRENT

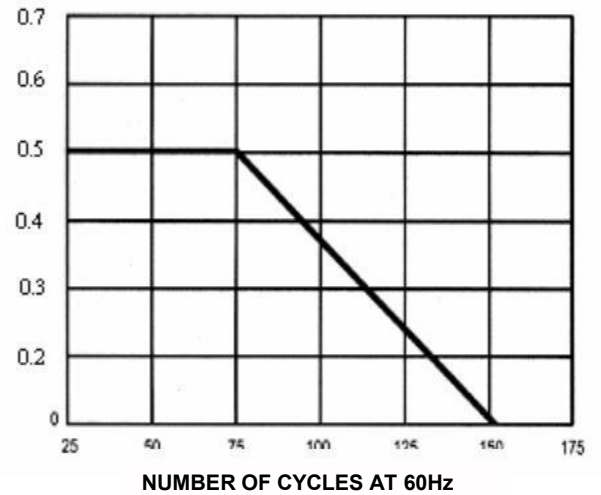


FIG. 3 – TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

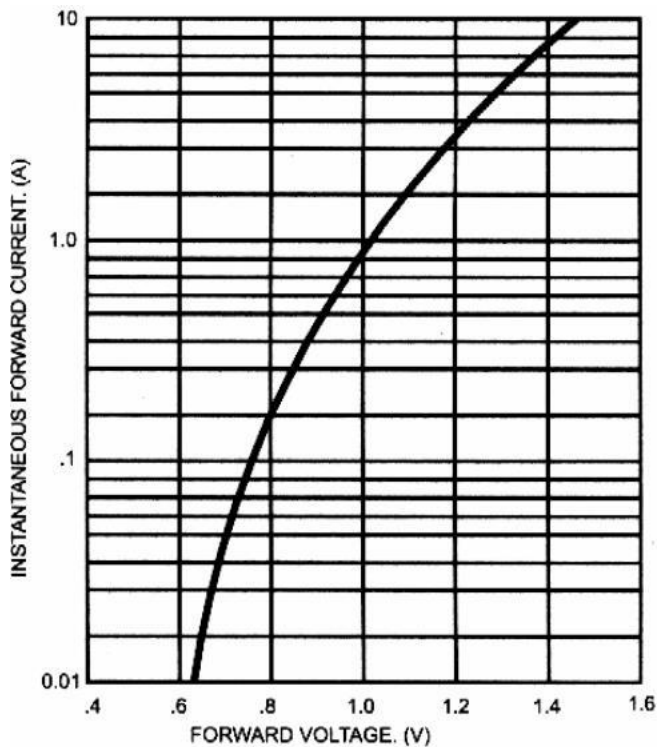
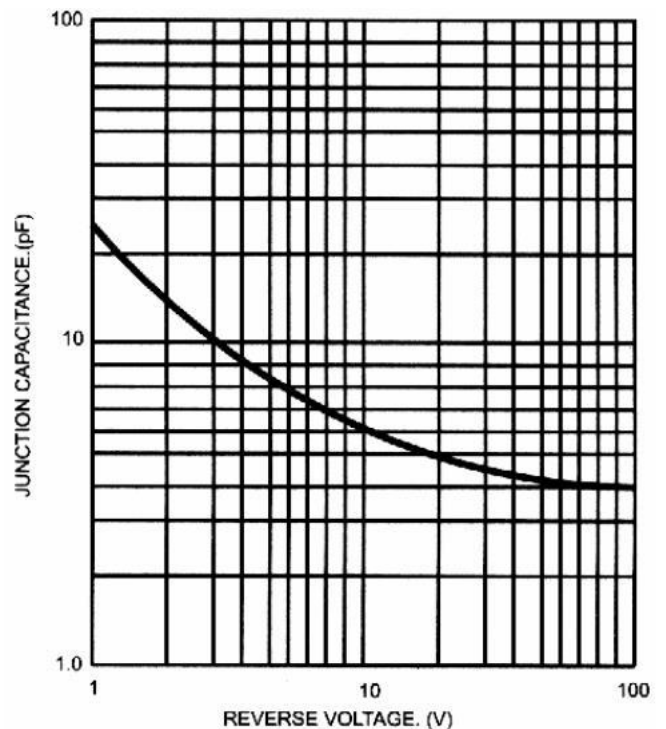


FIG. 4 – TYPICAL JUNCTION CAPACITANCE



单击下面可查看定价，库存，交付和生命周期等信息

[>>COMON\(阔迈\)](#)