

50 to 1KV

GL34A-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

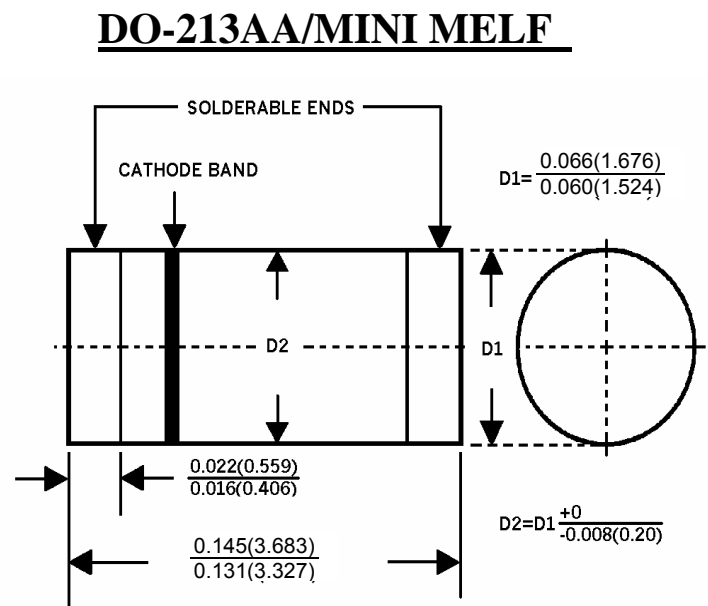
Case: Molded plastic use UL94V-0 recognized
flame retardant epoxy

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



Dimension in inches (millimeters)

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%

[illegible]

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

2. Thermal Resistance from Junction to Ambient

FIG. 1 – DERATING CURVE FOR OUTPUT RECTIFIER CURRENT

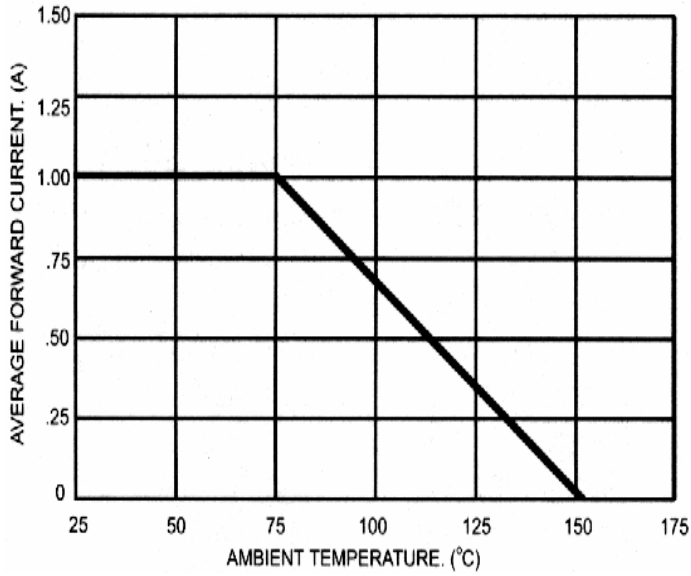


FIG. 2 – MAXIMUM NON - REPETITIVE PEAK FORWARD SURGE CURRENT

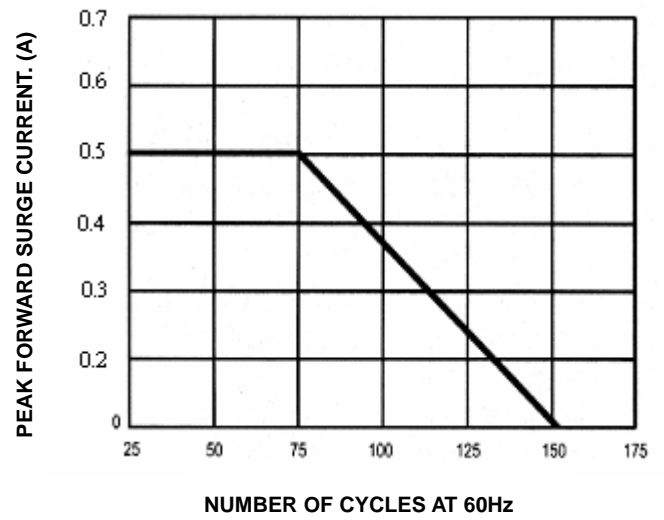


FIG. 3 – TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

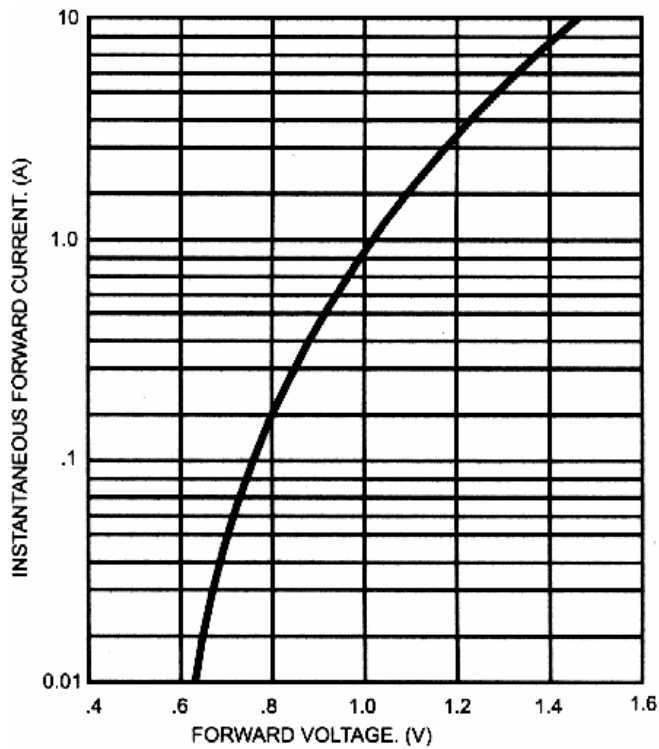


FIG. 4 – TYPICAL JUNCTION CAPACITANCE

