



Micro Commercial Components

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20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

GL34A THRU GL34M

Features

- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0
- For Surface Mount Application
- Higher Temp Soldering: 260°C for 10 Seconds At Terminals
- High Current Capability

Maximum Ratings

- Operating Temperature: -65°C to +175°C
- Storage Temperature: -65°C to +175°C
- Maximum Thermal Resistance: 70°C/W Junction to Lead

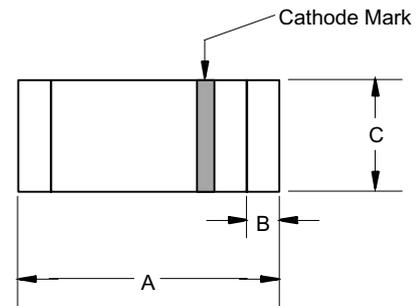
MCC Part Number	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
GL34A	50V	35V	50V
GL34B	100V	70V	100V
GL34D	200V	140V	200V
GL34G	400V	280V	400V
GL34J	600V	420V	600V
GL34K	800V	560V	800V
GL34M	1000V	700V	1000V

Electrical Characteristics @ 25°C Unless Otherwise Specified

Average Forward Current	$I_{F(AV)}$	0.5 A	$T_L = 75^\circ\text{C}$
Peak Forward Surge Current	I_{FSM}	10A	8.3ms, half sine
Maximum Instantaneous Forward Voltage EGL34A-D EGL34J-M	V_F	1.20V 1.30V	$I_{FM} = 0.5\text{A};$ $T_A = 25^\circ\text{C}$
Maximum DC Reverse Current At Rated DC Blocking Voltage	I_R	5 μA	$T_A = 25^\circ\text{C}$
Typical Junction Capacitance	C_J	7.0pF	Measured at 1.0MHz, $V_R = 4.0\text{V}$

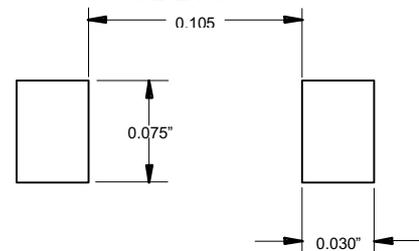
**0.5 Amp
Standard Recovery
Rectifier
50 to 1000 Volts**

MINIMELF



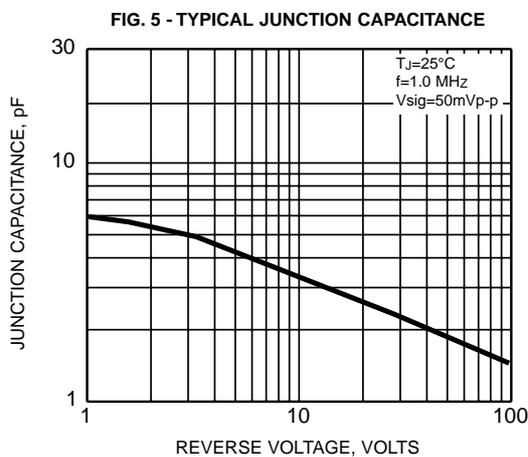
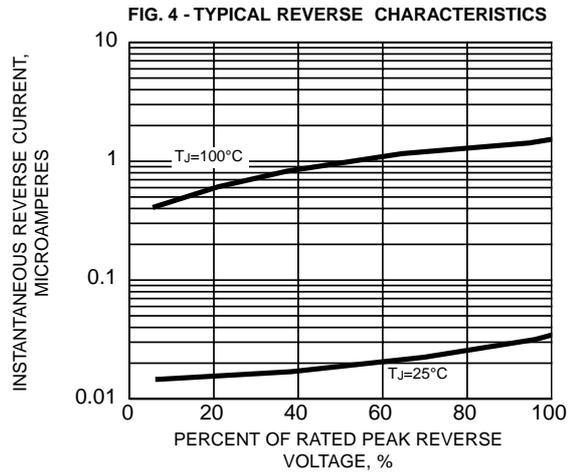
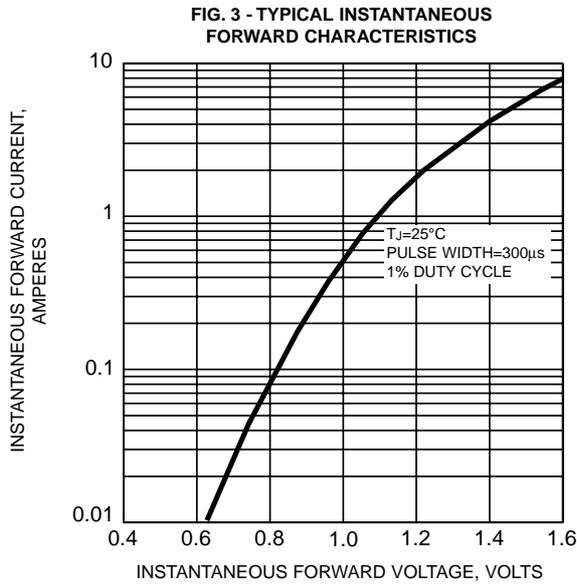
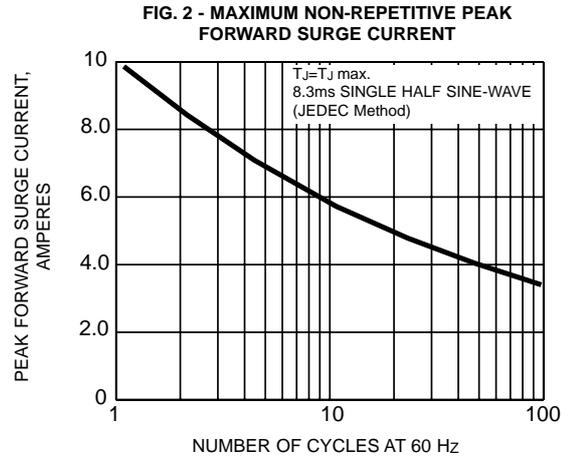
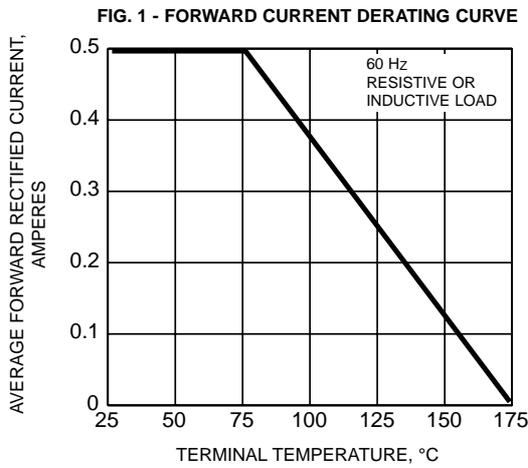
DIM	DIMENSION				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	.134	.142	3.40	3.60	
B	.008	.016	0.20	0.40	
C	.055	.059	1.40	1.50	

SUGGESTED SOLDER PAD LAYOUT



GL34A thru GL34M

Ratings and Characteristic Curves (T_A = 25°C unless otherwise noted)





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