



Micro Commercial Components

Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

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GL34A THRU GL34M

0.5 Amp Standard Recovery Rectifier

50 to 1000 Volts

Features

- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0 and MSL Rating 1
- For Surface Mount Application and High Current Capability
- Higher Temp Soldering: 260°C for 10 Seconds At Terminals
- Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates RoHS Compliant. See ordering information)

Maximum Ratings

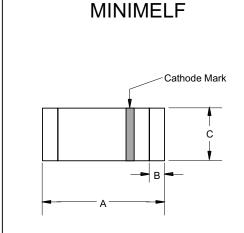
- Operating Temperature: -65[°]C to +175[°]C
- Storage Temperature: -65°C to +175°C
- Maximum Thermal Resistance: 70°C/W Junction to Lead

MCC	Maximum	Maximum	Maximum
Part	Recurrent Peak	RMS	DC Blocking
Number	Reverse Voltage	Voltage	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

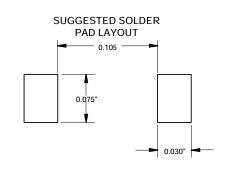
Electrical Characteristics @ 25°C Unless Otherwise Specified

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Average Forward Current	$I_{F(AV)}$	0.5 A	T _L = 75°C	
Peak Forward Surge Current	I _{FSM}	10A	8.3ms, half sine	
Maximum Instantaneous Forward Voltage GL34A-D GL34J-M	V_{F}	1.20V 1.30V	I _{FM} =0.5A; T _A = 25°C	
Maximum DC Reverse Current At Rated DC Blocking Voltage	I _R	5μΑ	T _A = 25°C	
Typical Junction Capacitance	CJ	7.0pF	Measured at 1.0MHz, V _R =4.0V	

Notes:1.High Temperature Solder Exemption Applied, see EU Directive Annex 7.



DIMENSION						
DIM	INCHES		MM		NOTE	
	MIN	MAX	MIN	MAX		
Α	.134	.142	3.40	3.60		
В	.008	.016	0.20	0.40		
С	.055	.063	1.40	1.60		

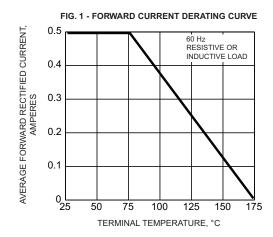


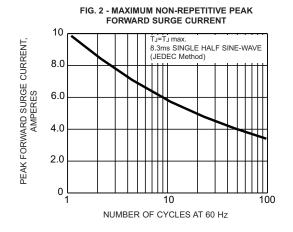


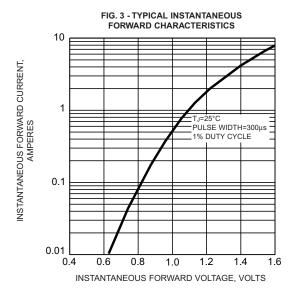
GL34A thru GL34M

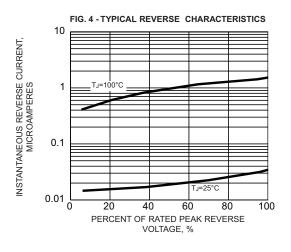
Ratings and Characteristic Curves (TA = 25°C unless otherwise noted)

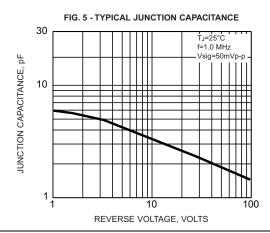
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Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel2.5Kpcs/Reel

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