

0.5A Surface Mount Rectifier

Features

- For surface mount applications
- Low leakage current
- RoHS Compliant



MiniMelf



Mechanical Data

Case:	JEDEC MiniMelf molded plastic
Epoxy:	Plastic package has UL flammability classification 94V-0
Terminals:	Solder plated solderable per MIL-STD-750, Method 2026
Polarity:	Cathode end indicated by color band
Weight:	0.0014 ounce, 0.036 gram

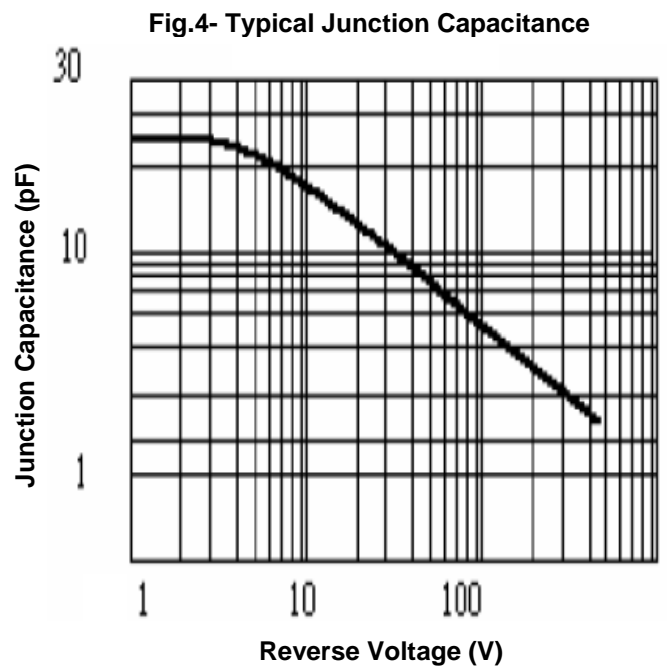
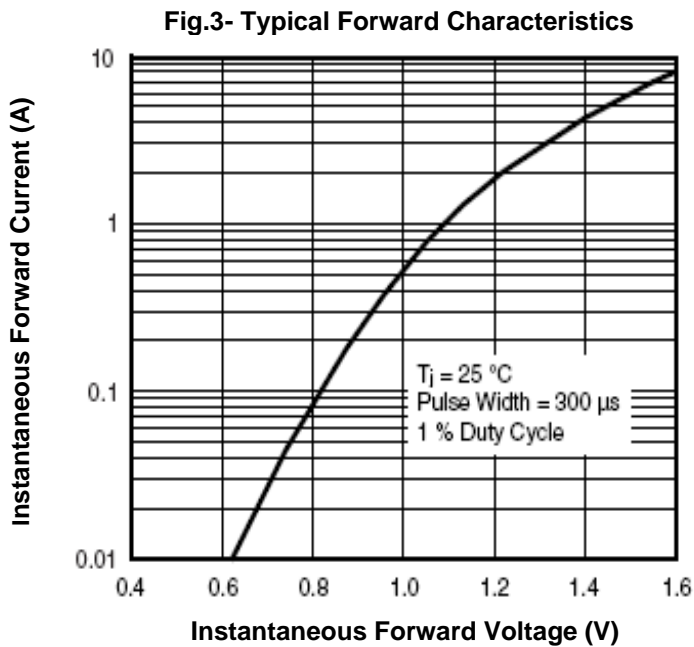
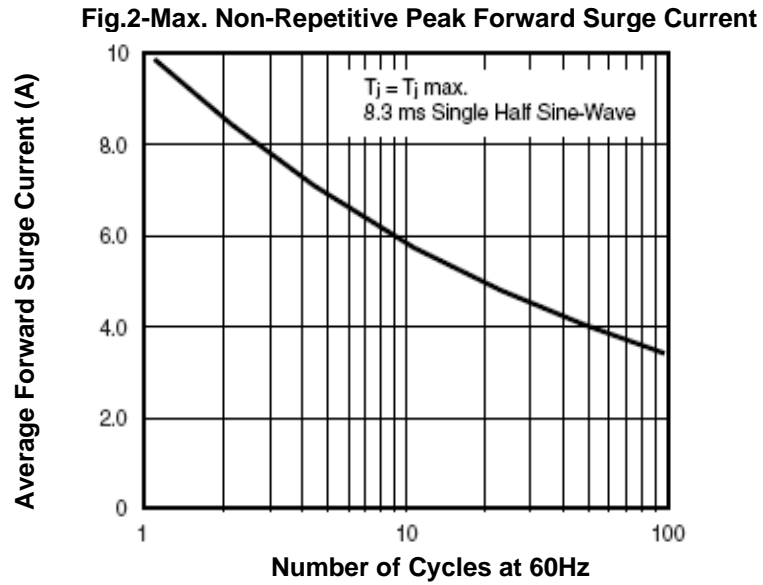
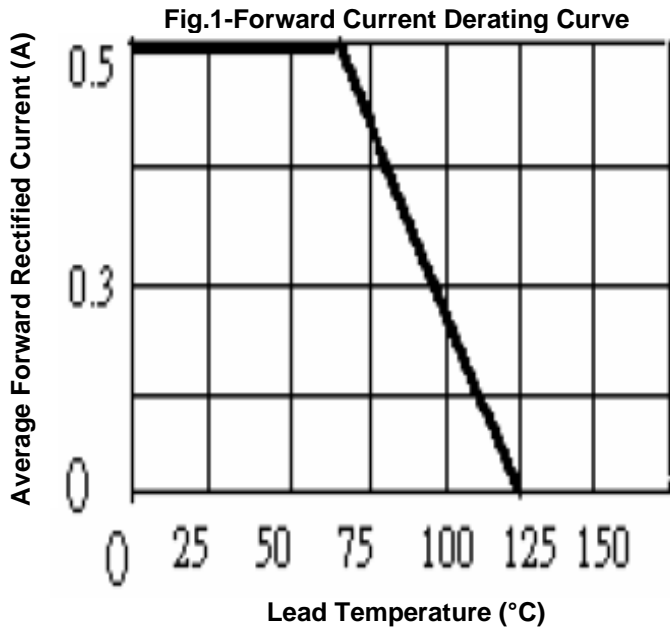
Maximum Ratings ($T_{Ambient}=25^{\circ}C$ unless noted)

Symbol	Description	GL34A	GL34B	GL34D	GL34G	GL34J	GL34K	GL34M	Unit	Conditions
VRRM	Maximum Repetitive Peak Reverse Voltage	50	100	200	400	600	800	1000	V	
VRMS	Maximum RMS Voltage	35	70	140	280	420	560	700	V	
VDC	Maximum DC Blocking Voltage	50	100	200	400	600	800	1000	V	
IF(AV)	Maximum Average Forward Rectified Current	0.5							A	TL=50°C
IFSM	Peak Forward Surge Current	10							A	8.3ms single half sine-wave superimposed on rated load (JEDEC Method)
VF	Maximum Instantaneous Forward Voltage	1.1							V	IF=0.5 A
IR	Maximum DC Reverse Current at Rated DC Blocking Voltage	5							μA	TA=25° C
		250								TA=100° C
CJ	Typical Junction Capacitance	15							pF	VR=4V, f=1MHz
RthJA	Typical Thermal Resistance, Junction to Ambient	206							°C / W	
TJ,TSTG	Operating Junction and Storage Temperature Range	-55 to +125							°C	

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GL34A - GL34M

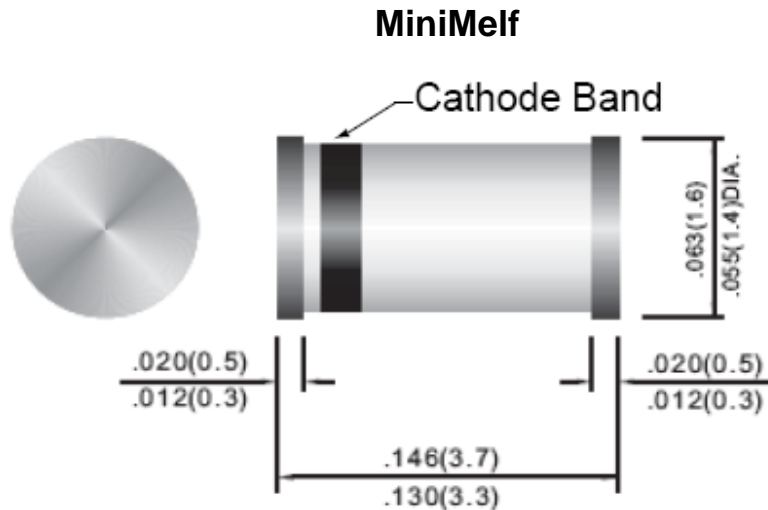
Typical Characteristics Curves



0.5A Surface Mount Rectifier

GL34A - GL34M

Dimensions in inch (mm)



How to contact us:

US HEADQUARTERS

28040 WEST HARRISON PARKWAY, VALENCIA, CA 91355-4162

Tel: (800) TAITRON (800) 824-8766 (661) 257-6060

Fax: (800) TAITFAX (800) 824-8329 (661) 257-6415

Email: taitron@taitroncomponents.com

Http://www.taitroncomponents.com

TAITRON COMPONENTS MEXICO, S.A .DE C.V.

BOULEVARD CENTRAL 5000 INTERIOR 5 PARQUE INDUSTRIAL ATITALAQUIA, HIDALGO C.P.
42970 MEXICO

Tel: +52-55-5560-1519

Fax: +52-55-5560-2190

TAITRON COMPONETS INCORPORATED E REPRESENTAÇÕES DO BRASIL LTDA

RUA DOMINGOS DE MORAIS, 2777, 2.ANDAR, SALA 24 SAÚDE - SÃO PAULO-SP 04035-001 BRAZIL

Tel: +55-11-5574-7949

Fax: +55-11-5572-0052

TAITRON COMPONETS INCORPORATED, SHANGHAI REPRESENTATIVE OFFICE

METROBANK PLAZA, 1160 WEST YAN' AN ROAD, SUITE 1503, SHANGHAI, 200052, CHINA

Tel: +86-21-54249942

Fax: +86-21-5424-9931