

High frequency operation  
 Low forward voltage drop  
 High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance  
 Guard ring for enhanced ruggedness and long term reliability

Photovoltaic solar cell protection schottky rectifier

GF025

Molding compound meets UL 94 V-0 flammability rating,  
 Tin plated leads, solderable per J-STD-002 and JESD 22-B102  
 As marked

	IO	A	40
Surge(Non-repetitive)Forward Current @60Hz sine wave, 1 cycle, Tj=25	IFSM	A	650
Current Squared Time @1ms t<8.3ms Tj=25 , Rating of per diode	I <sup>2</sup> t	A <sup>2</sup> S	1750
Storage Temperature	Tstg		-55 ~+150
Junction Temperature IN DC Forward Mode-Forward Operations without reverse bias, t 1 h (Fig. 1) 1	Tj		-55 ~+200

(1)

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Maximum instantaneous forward voltage drop per diode  
 Ta=100

IRRM3	mA	VRM=VRRM Ta=125	60



( $T_a=25$  Unless otherwise specified)

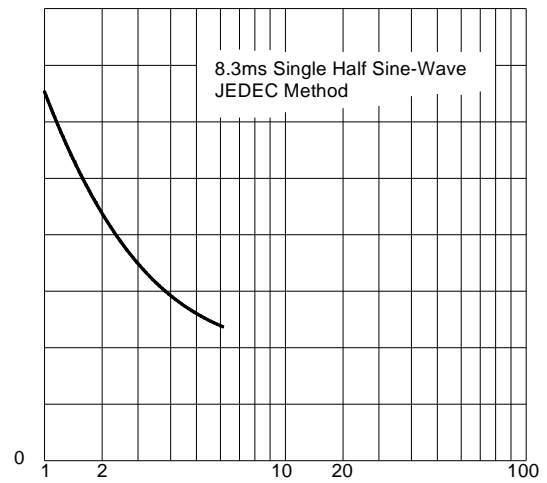
Thermal Resistance 1	R J-C	/W	1.5
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(1) Thermal resistance from Between junction and case, On glass-epoxi substrate.

(Example)

GFMK4045C	Approximate 4.0	30	600	2400	Tube
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(Typical)



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v2XWOLQH 'LPHQVBRQOLPHWHUV





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