

DATE SHEET

D3K

D8KB05 ~D8KB100

8A/50-1000V

8A

8A Glass Passivated Single-Phase Bridge Rectifier

Features

Glass passivated chip

Low Reverse Leakage Current

170

High surge current capability 170 Amperes

UL

94V-0

UL

E249161



Plastic material has Underwriters Laboratory flammability recognition-94V-0 Recognized File # E249161

ROSH

ROHS compliance



260 +5 /10

High temperature soldering guaranteed: 260+5 /10 seconds

Mechanical Data

Case : Molded plastic case

Polarity Polarity symbols being marked on body

M3

Mounting Position Fixing the bridge rectifier with M3screw to the heat sink. Coat silicon thermal compound between backside of the bridge, which will be contacted with the heat sink for maximizing heat transfer.

1.45

Weight : About 1.45grams

Applications

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Household Electric Appliances air-conditioning white appliances, etc

Power supply Computer power supply, Adapter power supply, Server power supply, etc

Industrial equipment Electric energy meter etc

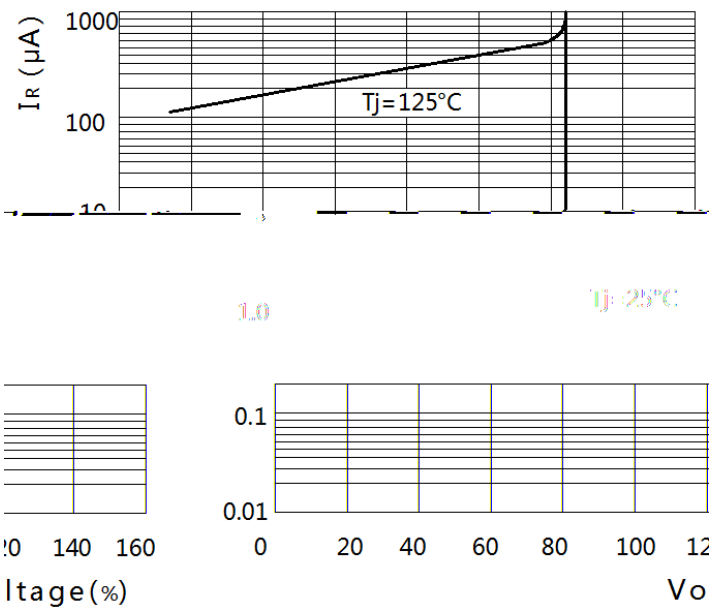
IP

Communication equipment (Adjust demodulator, Wireless router, Communication automatic control IP, etc.)

Type	VRRM	VRSM
D8KB05	50	150
D8KB10	100	200
D8KB20	200	300
D8KB40	400	500
D8KB60	600	700
D8KB80	800	900
D8KB100	1000	1100

Maximum Ratings and Thermal Characteristics @ Ta = 25 unless otherwise noted

Rating Characteristic



Outside view

Circuit diagram

Package Outline Dimensions

No.		QTY	Material
1		4	
2		1	
3		4	
4		1.2g	
5		0.02g	=90%:8%:2%

/ **Component molding /Marking Diagram**

1			1.0		2017.3.6
2	IFSM VF		2.0		2017.06.02