Fast recovery diode

RF073M2S

Applications

High frequency rectification

Features

1) Small power mold type (PMDS)

2) Ultra low VF

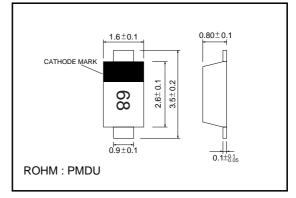
3) Very fast recovery

4) Low switching loss

Construction

Silicon epitaxial planar

•External dimensions (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit			
Reverse voltage (repetitive peak)	Vrm	200	V			
Reverse voltage (DC)	VR	200	V			
Forward voltage (DC)	IF *	1.0	A			
Average rectified forward current	lo *	0.7	А			
Forward peak surge current (60Hz · 1cyc.)	IFSM	15	A			
Junction temperature	Tj	150	°C			
Storage temperature	Tstg	-55 to +150	°C			
* To max-120°C Mounting on glass end	ovi board	•				

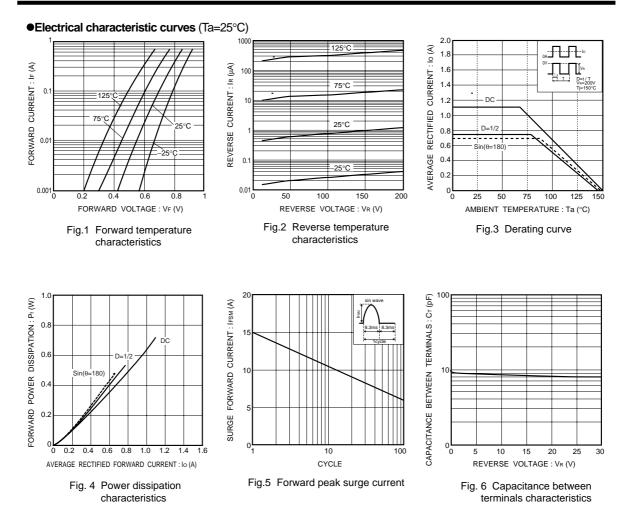
 $\ast\,$ Tc max=120°C $\,$ Mounting on glass epoxi board $\,$

•Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	Vf	_	0.830	0.890	V	IF=0.7A
Reverse current	Ir	-	1.2	10	μA	VR=200V
Reverse recovery time	trr	_	9	20	ns	IF=0.5A, IR=1.0A, Irr=0.25×IR

Note) ESD sensitive product handing required.

Diodes



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