

Super Fast Recovery Diode RF08L6S

 Series Standard Fast Recovery

 Applications General rectification

Features

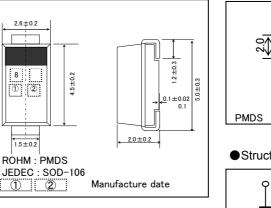
1)Small power mold type. (PMDS) 2)high switching speed 3)Low forward voltage

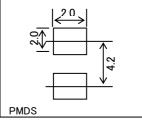
Construction Silicon epitaxial planar

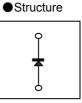


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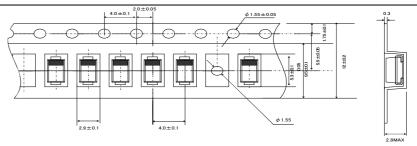
●Land size figure (Unit : mm)







• Taping dimensions (Unit : mm)

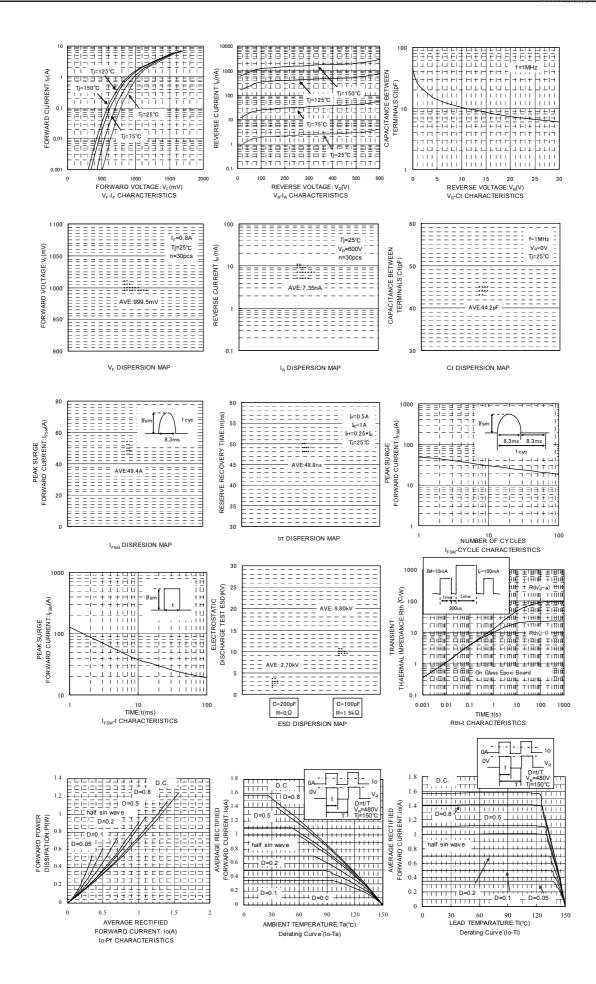


●Absolute maximum ratings (TI=25°C)

Parameter	Symbol	Conditions		Limits	Unit
Repetitive peak Reverse voltage	V _{RM}	D≦0.5		600	V
Reverse voltage	V _R	Direct voltage		600	V
Average rectified forward current	lo	Glass epoxy substrate mounted		0.8	А
Forward current surge peak	I _{FSM}	60Hz half sin wave, Non-repetitive	Ta=25°C	20	А
Forward current surge peak		one cycle peak value, Tj=25°C	TI=100°C	20	
Junction temperature	Tj			150	°C
Storage temperature	Tstg			-55to+150	°C

●Electrical characteristics (Tj=25°C)

Parameter	Symbol	Conditions	Min.	Тур.	Max.	Unit
Forward voltage	V _F	I _F =0.8A	-	1	1.3	V
Reverse current	I _R	V _R =600V	_	0.01	10	μA
Reverse recovery time	trr	I_F =0.5A, I_R =1A,Irr=0.25× I_R	_	50	70	ns
Thermal Resistance	Rth(j-l)	junction to lead	—	_	23	°C∕W



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