

Rectifier diode

1SR154-400

Applications

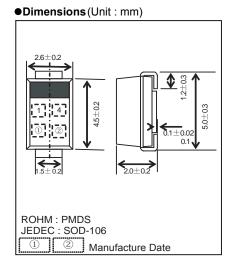
Gneral rectification

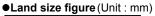
● Features

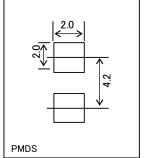
- 1)Small power mold type(PMDS)
- 2)High Reliability

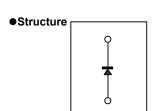
●Construction

Silicon diffused junction

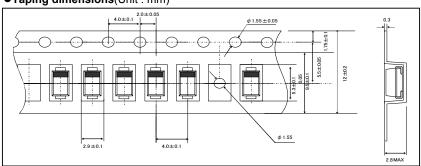








● Taping dimensions (Unit: mm)



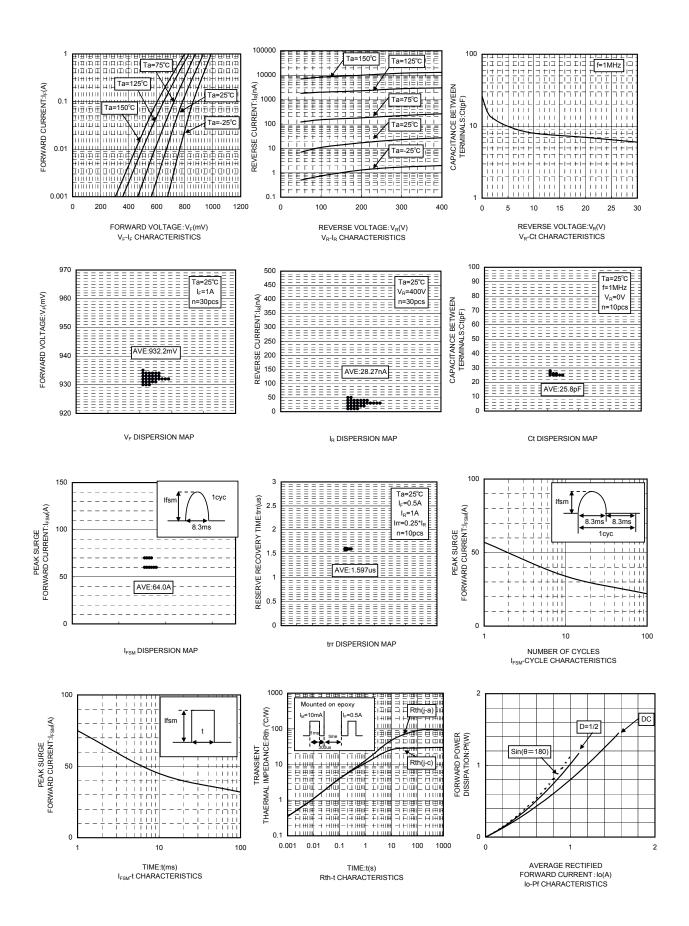
● Absolute maximum ratings(Ta=25°C)

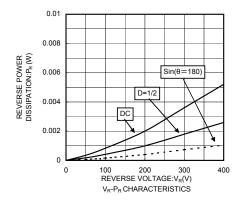
Parameter	Symbol	Limits	Unit				
Reverse voltage (non-repetitive peak)	V_{RMS}	500	V				
Reverse voltage (repetitive peak)	V_R	400	V				
Average rectified forward current	lo	1	Α				
Forward current surge peak (60Hz/1cyc)	I _{FSM}	30	Α				
Junction temperature	Tj	150	°C				
Storage temperature	Tstg	-55 to +150	°C				

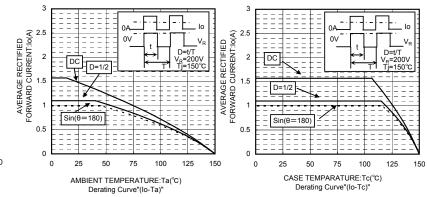
●Electrical characteristics(Ta=25°C)

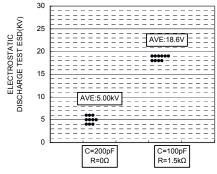
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	1.1	V	I _F =1A
Reverse current	I_R	-	-	10	uA	V _R =400V

●Electrical characteristic curves (Ta=25°C)









ESD DISPERSION MAP

Notes

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