Rectifier diode

1SR154-600

Applications

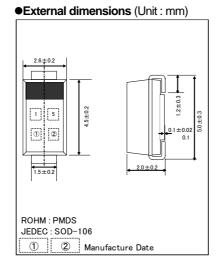
General purpose rectification

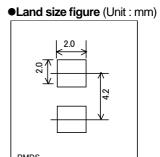
Features

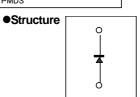
- 1) Small power mold type. (PMDS)
- 2) High reliability.

Construction

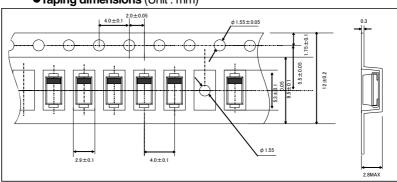
Silicon diffused junction







● Taping dimensions (Unit: mm)

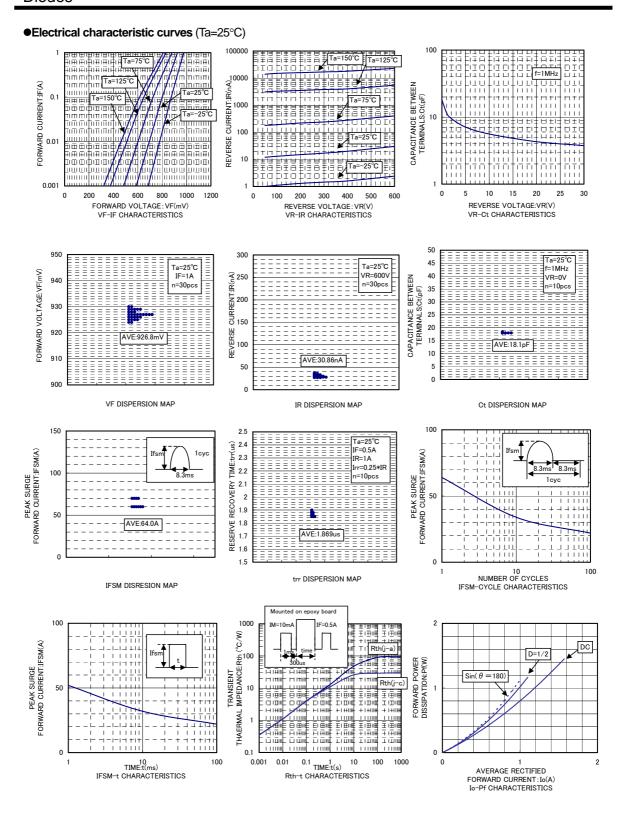


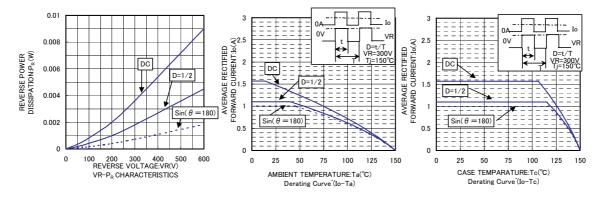
● Absolute maximum ratings (Ta=25°C)

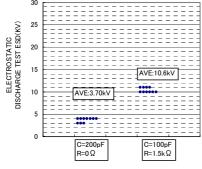
Parameter	Symbol	Limits	Unit
Abusolute peak reverse voltage	V_{RMS}	750	V
Reverse voltage (repetitive peak)	V_R	600	V
Average rectified forward current	lo	1	Α
Forward current surge peak (60Hz-1cyc)	I _{FSM}	30	Α
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

●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 =600V







ESD DISPERSION MAP

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