

# Rectifier diode

1SR154-600

●Applications

General purpose rectification

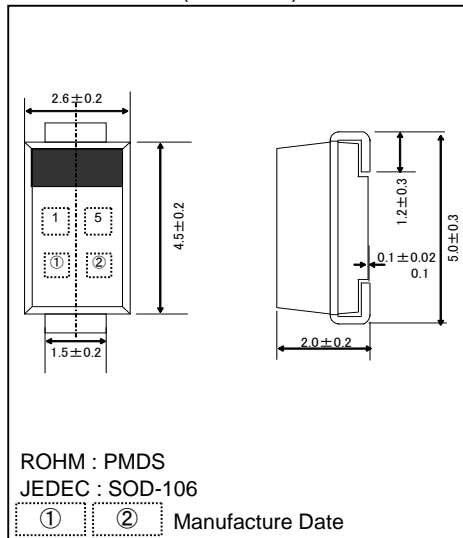
●Features

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

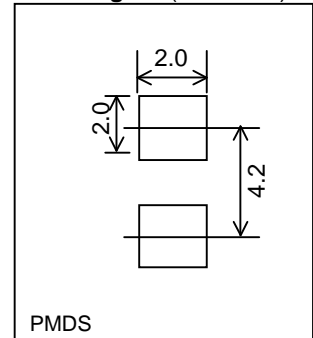
●Construction

Silicon diffused junction

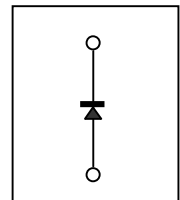
●Dimensions (Unit : mm)



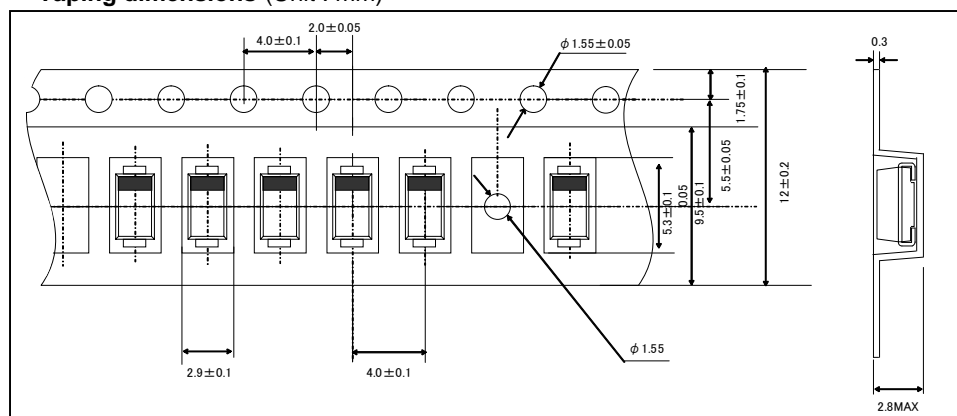
●Land size figure (Unit : mm)



●Structure



●Taping dimensions (Unit : mm)

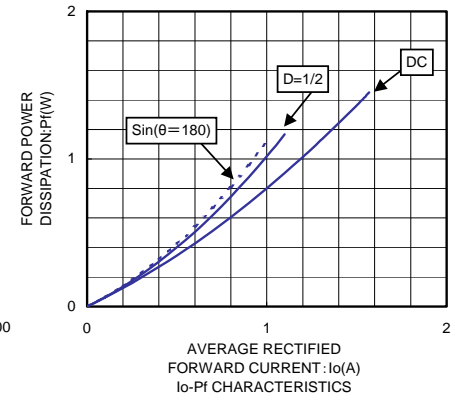
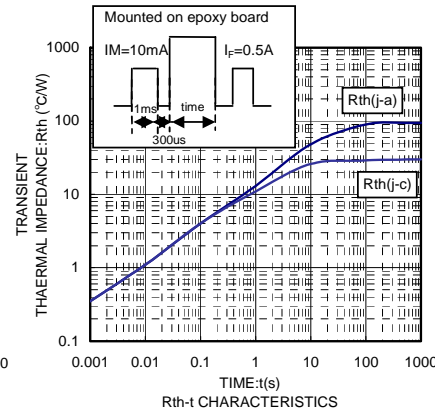
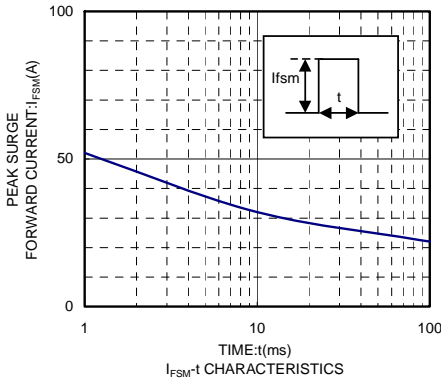
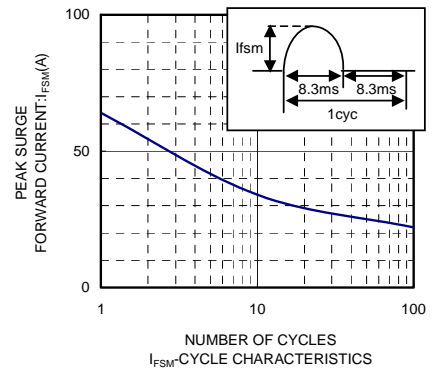
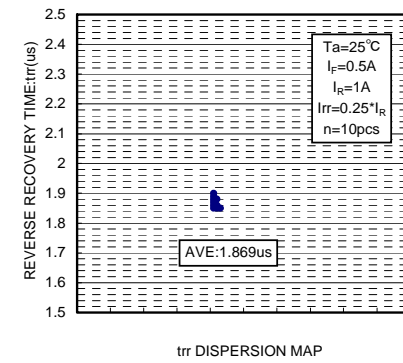
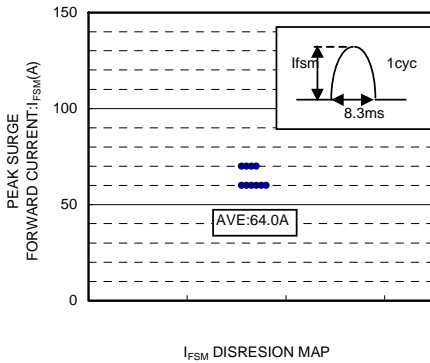
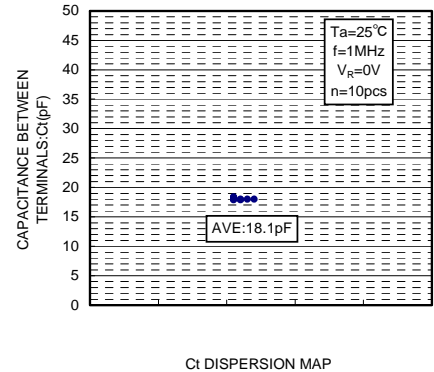
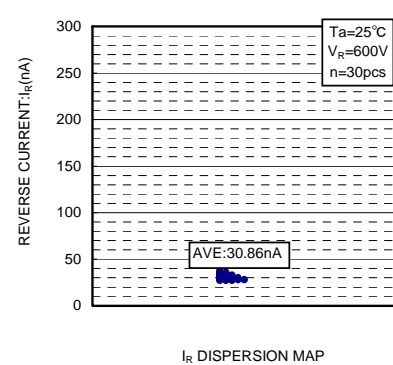
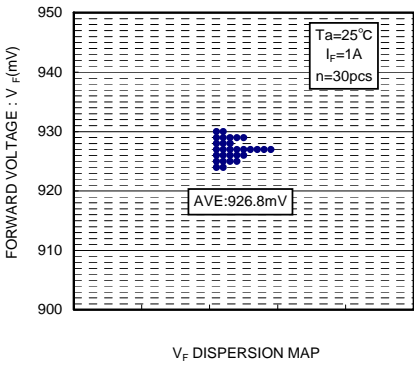
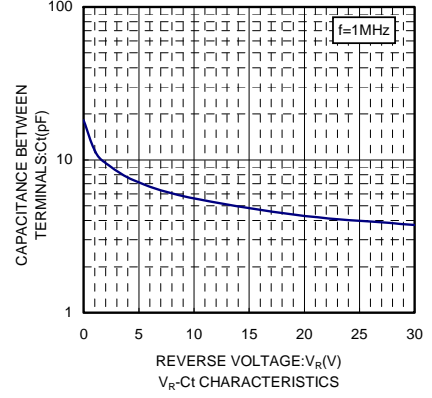
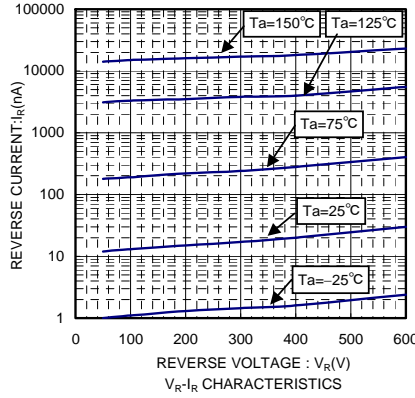
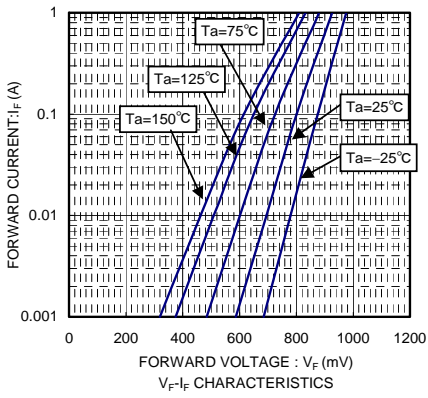


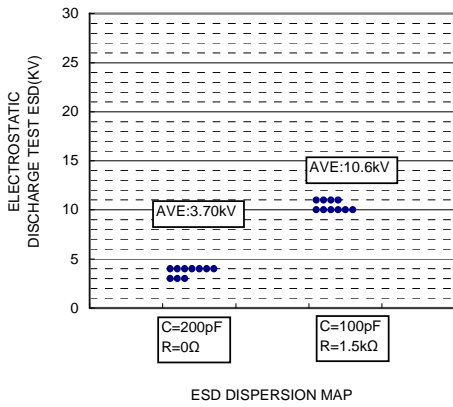
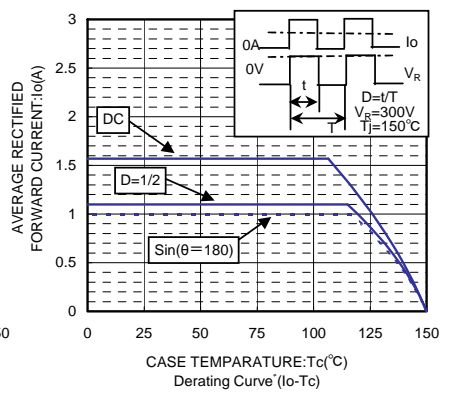
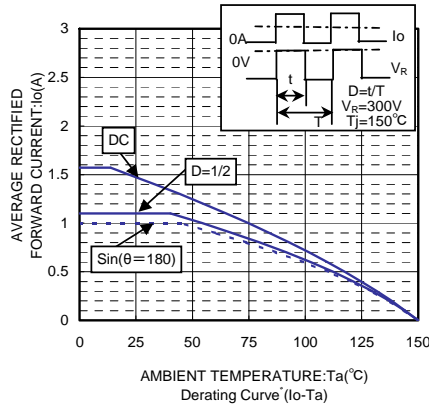
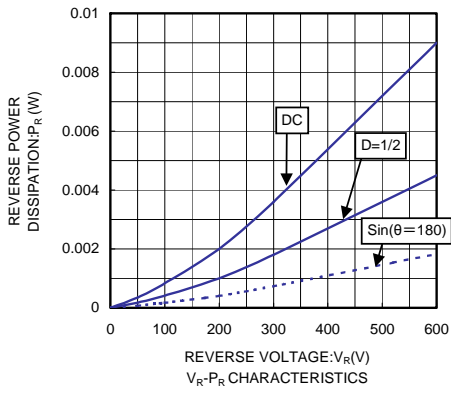
●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Absolute peak reverse voltage	$V_{RMS}$	750	V
Reverse voltage (repetitive peak)	$V_R$	600	V
Average rectified forward current	$I_o$	1	A
Forward current surge peak (60Hz/1cyc)	$I_{FSM}$	30	A
Junction temperature	$T_j$	150	°C
Storage temperature	$T_{stg}$	-55 to +150	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	$V_F$	-	-	1.1	V	$I_F=1A$
Reverse current	$I_R$	-	-	10	uA	$V_R=600V$





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