

SD882-02-TE12R

FUJI Diode

Schottky Barrier Diode

■ Maximum Rating and Characteristics

● Maximum ratings (at Ta=25°C unless otherwise specified.)

Item	Symbols	Conditions	Ratings	Units			
Repetitive peak reverse voltage	VRRM	-	20	V			
Average forward current	IFAV	Square wave duty =1/2 TI = 96 °C	2.0	А			
Non-repetitive forward surge current	IFSM	Sine wave, 10ms	70	Α			
Operating junction temperature	Tj	-	125	°C			
Storage temperature	Tstg	-	-55 to+125	°C			

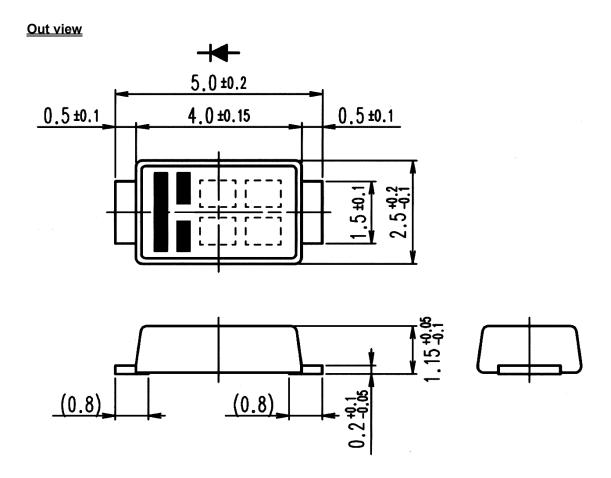
● Electrical characteristics (at Ta=25°C unless otherwise specified.)

Item	Symbols	Conditions	Maximum	Units
Forward voltage	VF	I _F = 2.0 A	0.39	V
Reverse current	IR	V _R =V _{RRM}	2.0	mA
Thermal resistance	Rth(j-l)	Junction to lead	18	°C/W

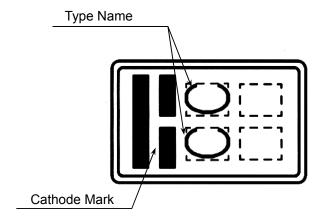
Mechanical characteristics

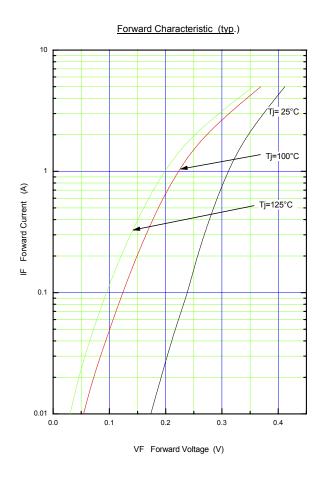
Item	Conditions	Maximum	Units
Approximate mass	-	0.035	g

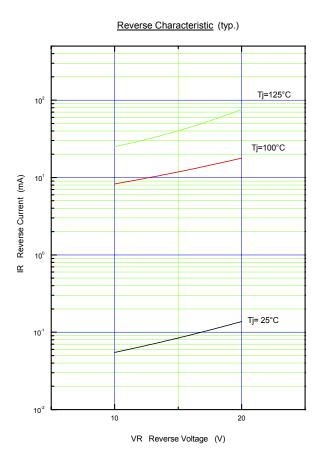
■ Outline Drawings [mm]

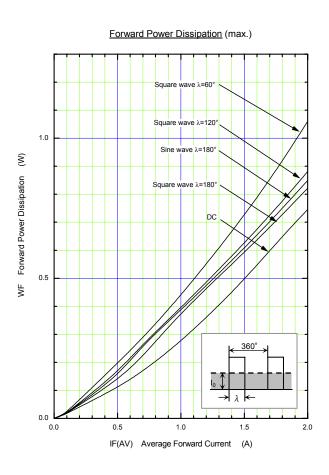


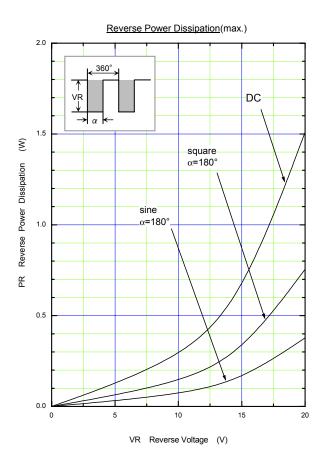
<u>Marking</u>

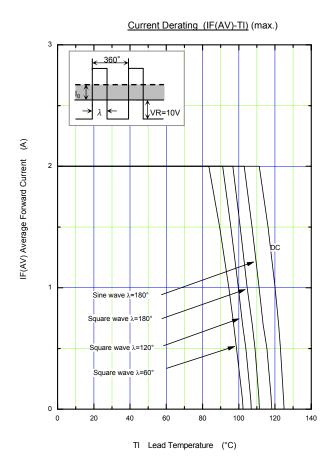


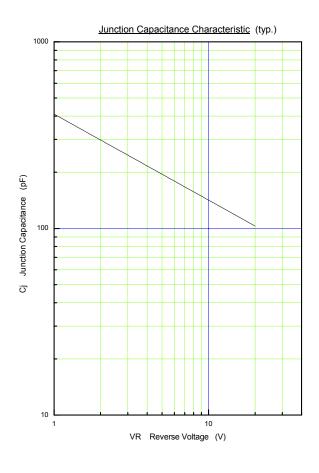


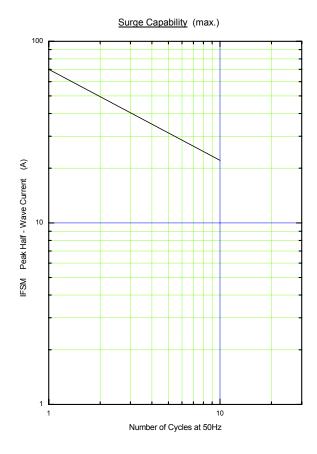


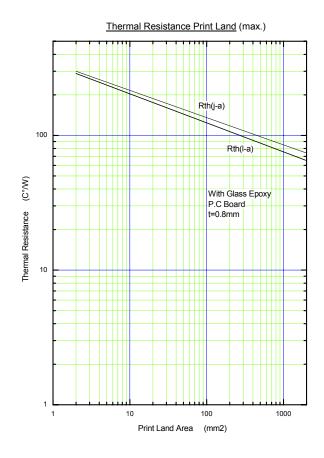


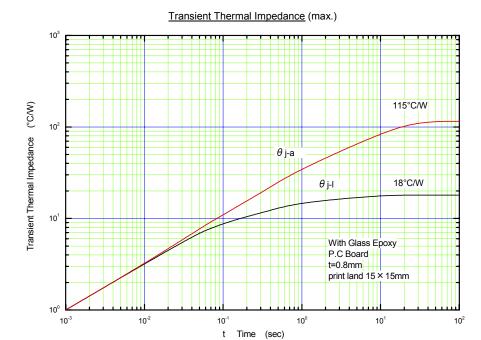












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- Measurement equipment

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- Electrical home appliances
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