MA3UD06

Silicon epitaxial planar type (cathode common)

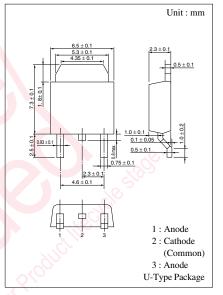
For switching power supply

Features

- U-type package
- Allowing to rectify under $(I_{F(AV)} = 6 A)$ condition
- Low forward rise voltage $V_F (V_F < 0.45 \text{ V})$
- Cathode common type

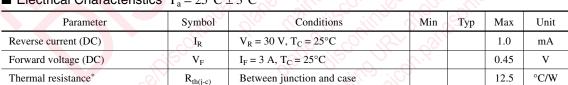
ADSOLUTE MAXIMUM Ratings $T_a = 25$ C			
Parameter	Symbol	Rating	Unit
Repetitive peak reverse voltage	V _{RRM}	30	v
Average forward current*1	I _{F(AV)}	6	А
Non-repetitive peak forward surge current*2	I _{FSM}	45	Α
Junction temperature	Tj	-40 to +125	°C
Storage temperature	T _{stg}	-40 to +125	°C





Note) *1 : $T_C = 25^{\circ}C$

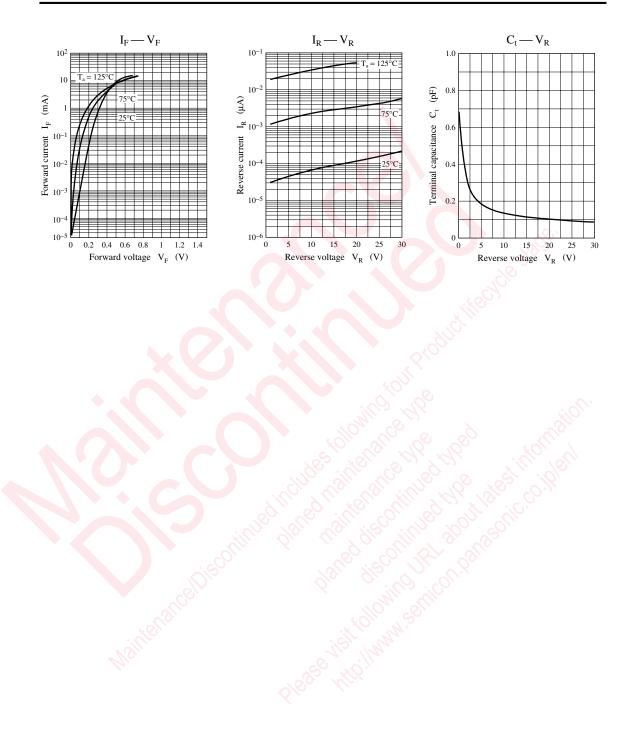
*2 : Sine half-wave; 10 ms/cycle



Electrical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$

Note) 1. Rated input/output frequency: 200 MHz

2. *: $T_C = 25^{\circ}C$



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