



Fast Recovery Diodes

RF05VA1S

[Product description]

ROHM's fast recovery diodes are ultra high-speed, low VF, and suited for significant efficiency increase of switching power supply as well as reduction of switching loss.

Features

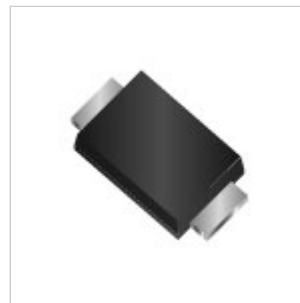
- Small mold type.(TUMD2)
- Ultra high-speed switching and high reliability.

Product specifications

Absolute maximum ratings (Ta=25°C)

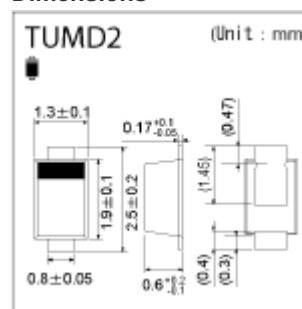
Rated parameters	Standard value	Conditions
Repetitive peak reverse voltage $V_{RM}(V)$	100	
Reverse voltage(DC) $V_R(V)$	100	
Forward current I_F	-	
Average rectified forward current $I_O(A)$	0.5	
Forward current surge peak $I_{FSM}(A)$	6	60Hz/1cyc
Junction temperature $T_j(^{\circ}C)$	150	
Storage temperature $T_{stg}(^{\circ}C)$	-55 to +150	

Outline

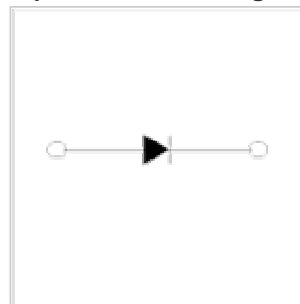


1.9x1.3(t=0.6)

Dimensions



Equivalent circuit diagram



*The contents described here are just outline for introduction.

Please obtain the specification sheets from us for thorough check before use.