



## Fast Recovery Diodes

### RF081L2S

#### [ 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, power mold type.(PMDS)
- Ultra-low VF, ultra high-speed switching and low switching loss products.

#### Product specifications

##### Absolute maximum ratings (Ta=25°C)

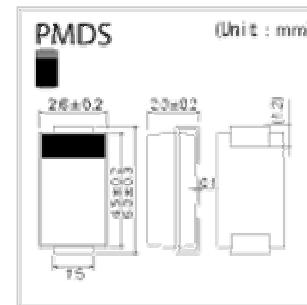
Rated parameters	Standard value	Conditions
Repetitive peak reverse voltage $V_{RM}(V)$	200	
Reverse voltage(DC) $V_R(V)$	200	
Forward current $I_F$	-	
Average rectified forward current $I_O(A)$	1	
Forward current surge peak $I_{FSM}(A)$	25	60Hz/1cyc
Junction temperature $T_j(^{\circ}C)$	150	
Storage temperature $T_{stg}(^{\circ}C)$	-55 to +150	

#### Outline

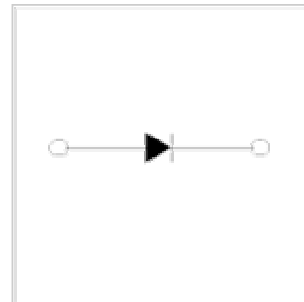


4.5x2.6(t=2.0)

#### 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.